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# Coosa Valley

ALABAMA

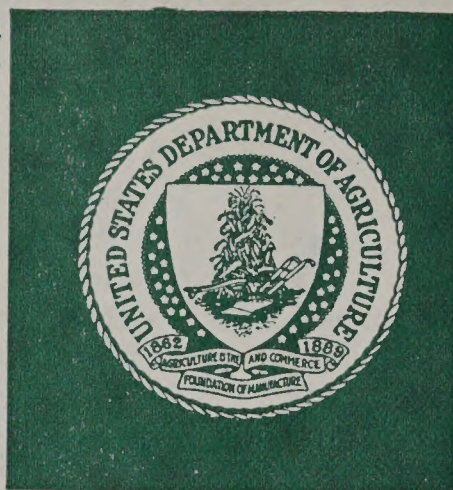


## RESOURCE CONSERVATION & DEVELOPMENT PROJECT PLAN



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U.S. Geological Survey

U.S. Parks Service





CALHOUN COUNTY COMMISSION  
ANNISTON, ALABAMA

36201

TELEPHONE 236-3521

February 20, 1969

R. C. WORD  
ENGINEER

EDNA PERSONS  
SECRETARY

Honorable Clifford M. Hardin  
Secretary of Agriculture, USDA  
Washington, D. C.

Dear Mr. Secretary:

Transmitted, herewith, is our revised work plan for the Coosa Valley Resource Conservation and Development Project. We, respectively, request continuing assistance in implementing the plan.

We appreciate the opportunity to have added Cherokee, Cleburne, and Etowah Counties to the project area. The revised plan covers these counties and includes an updated action program for the original project area comprised of Calhoun, Clay, St. Clair and Talladega Counties.

Interest and participation in resource conservation and development activities have increased steadily since the Coosa Valley Project was approved for operation. This is evidenced by the request of the three new counties to join the project and by the broad scope of resource conservation and development project measures proposed in the new work plan.

We have been encouraged by the joint effort of leadership at the community level, units of local government, and agencies in the planning and implementation of action programs to solve area problems and to conserve and develop the wealth of resources in the area. We expect this to continue and, in fact, to broaden as leadership at the community level becomes more aware of opportunities afforded by the RC&D Project.

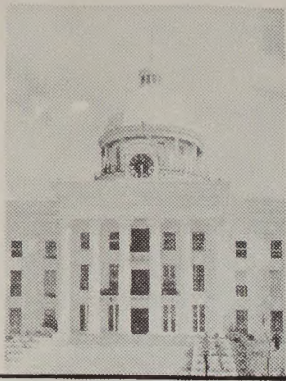
Mr. Secretary, we appreciate the efforts of the Department of Agriculture to improve economic and social opportunities for people in the rural areas of America. Assistance provided through the RC&D Project has encouraged our people to take a new look at the resources that they have to work with and to become actively involved in action programs to solve problems and to encourage economic growth in the area.

Respectfully yours,

Dan W. Gray, Chairman  
RC&D Steering Committee







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## ALABAMA STATE SOIL AND WATER CONSERVATION COMMITTEE

STATE OFFICE BUILDING  
MONTGOMERY, ALABAMA 36104

## STATE COMMITTEE MEMBERS

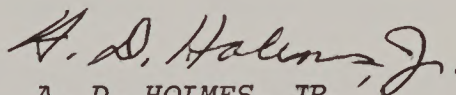
T. L. FAULKNER  
STATE SUPERVISOR  
VOCATIONAL AGRICULTUREA. D. HOLMES, SR.  
FARMERW. M. HODGSON, SR.  
FARMERRICHARD BEARD  
FARMERDR. FRED ROBERTSON  
DIRECTOR  
EXTENSION SERVICEDR. E. V. SMITH  
DEAN OF AGRICULTURE

July 8, 1969

WILBUR B. NOLEN, JR.  
EXECUTIVE SECRETARY*Sponsors**Coosa Valley Resource Conservation  
and Development Project  
Anniston, Alabama**Gentlemen:*

*The Alabama State Soil and Water Conservation Committee has reviewed the revised Coosa Valley Resource Conservation and Development Project Work Plan on behalf of the Honorable Albert P. Brewer, Governor of Alabama. This Committee has been designated as the Governor's representative in reviewing such plans and we are most pleased with the proposals and measures that are included in the revised plan.*

*We would greatly appreciate your forwarding this notice of our action to the Honorable Clifford Hardin, Secretary of Agriculture, and it is our hope that he will give favorable consideration and early approval to the Coosa Valley Project for operations.*

*Very truly yours,*  
A. D. HOLMES, JR.  
Chairman

ADH:smg:n

cc: Kenneth E. Grant, Administrator  
W. B. Lingle, State Conservationist  
J. O. Cleland, Area Conservationist





## SPONSORS

This plan was developed under the authority of the Food and Agriculture Act of 1962, Section 102, Public Law 87-703. It will be carried out in compliance with all requirements respecting non-discrimination and contained in the Civil Rights Act of 1964 and the regulations of the Secretary of Agriculture (7 C.F.R. Sec. 15.1-15.13), which provide that no person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any activity receiving Federal financial assistance.

Witness the signatures of the Coosa Valley RC&D Project Steering Committee Members acting in an official capacity for the sponsors under provisions of a Constitution and By-Laws adopted by the sponsors in an official meeting in Anniston, Alabama on January 26, 1967.

<u>/s/ Dan W. Gray</u>	Chairman, Calhoun County Commission
<u>/s/ E. D. Whiteside</u>	Chairman, Calhoun County SWCD
<u>/s/ G. W. Pruet</u>	Chairman, Clay County Board of Revenue
<u>/s/ Lewel Sellers</u>	Chairman, Clay County SWCD
<u>/s/ Fayne Lindsey</u>	President, Cherokee County Board of Revenue
<u>/s/ G. D. Broom</u>	Chairman, Cherokee County SWCD
<u>/s/ Thos. J. Baber</u>	Chairman, Cleburne County Board of Revenue
<u>/s/ Arthur H. Smith</u>	Member, Cleburne County SWCD
<u>/s/ Woodrow J. Stephens</u>	President, Etowah County Board of Revenue
<u>/s/ A. D. Williams</u>	Chairman, Etowah County SWCD
<u>/s/ Hoyt B. Hamilton</u>	Chairman, St. Clair County Board of Revenue
<u>/s/ L. F. McGinnis</u>	Chairman, St. Clair County SWCD
<u>/s/ Joe J. Phillips</u>	Chairman, Talladega County Board of Revenue
<u>/s/ A. Olin Riser</u>	Chairman, Talladega County SWCD

This action authorized at an official meeting of the Coosa Valley Resource Conservation and Development Project Steering Committee on January 7, 1969 at Anniston, Alabama.

Attest /s/ E. D. Whiteside  
(Secretary)





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## SUMMARY

This revised Coosa Valley Resource Conservation and Development Project Plan was prepared by the Steering Committee because project boundaries have been significantly changed. Three counties - Cherokee, Cleburne, and Etowah - have been added to the original project area which included Calhoun, Clay, St. Clair, and Talladega Counties. Land area was increased from 1,666,550 acres to 2,708,960 acres and the population within the area from 200,000 to 323,000. The new counties, as well as all original counties, lie within the Appalachian Region of east central Alabama.

County governing bodies and soil and water conservation district boards in each county are the project sponsors. A fourteen-member steering committee, comprised of the chairmen of the sponsoring organizations, acts in an official capacity for the sponsors.

Primary objectives of the sponsors are to provide leadership and technical assistance to local people in planning and carrying out action programs to develop land, water, and related resources, and to solve other problems that adversely affect economic development in the area.

Many of the complex, inter-related problems of the area stem from the one-crop cotton economy that existed until the early fifties. Adjustments have been made since then and the area now has a fairly well-balanced economy. However, a number of problems remain that must be solved if migration of people from the area is to be stopped and the area is to realize its growth potential. These problems are: soil erosion and flooding, low production from underdeveloped land and water resources, inadequate job opportunities, underemployment, low family income, substandard housing, and inadequate community and recreational facilities.

The area has a wealth of underdeveloped natural resources that afford major possibilities for solving problems and improving economic conditions. Over 65,000 acres of relatively new lake impoundments on the Coosa River afford excellent opportunities for establishing new businesses and recreational facilities of substantial magnitude. These and other water areas, numerous historic sites, and favorable location in reference to major highways and areas of dense population, give the area a high potential for recreation and tourism development. The Talladega National Forest, one of the most scenic areas in the South, adds to the opportunities for development.

Opportunities for industrial development are good. Assets include an abundant water supply; available gas, electricity, and labor; good rail and highway transportation linkage to distribution centers; excellent facilities for training the labor force; and available development sites in uncrowded areas.

The agricultural economy can be significantly improved by accelerating

flood control work and the application of needed conservation treatment measures, by applying high level production and management practices - especially on grasslands and woodlands - and by developing fish and wildlife lands and other recreation lands.

This revised plan includes all feasible conservation and development proposals included in the original plan that have not been completed and 75 new proposals. They are grouped into four general categories: land treatment measures, structural measures for flood control and water management, associated measures, and supporting measures.

Land treatment measures include proposals for technical assistance to accelerate conservation planning, soil surveys, and the application of conservation treatment measures. These measures also include proposals for stabilizing silt-producing areas and for providing technical assistance to small landowners in developing and improving the use of fish and wildlife land and forestry resources. Proposals for development within the Talladega National Forest are also included.

Water management and flood control measures include 14 PL-566 projects, 18 other flood control and water management projects, seven group drainage projects, and one irrigation reservoir. Six of the PL-566 projects are in various stages of construction, one is awaiting operational authority, and three are in various stages of planning. Benefits from the installation of these measures are closely associated with land treatment measures. Total benefits resulting from accelerated land treatment and structural measures are expected to add 9.6 million dollars gross income and 2.4 million dollars net income annually to the economy of the area over a period of 10 years.

Associated and supporting measures include 28 recreation developments, 16 rural water systems, 13 sewage and garbage disposal systems, 16 public service facilities, 15 special resource studies and inventories, two development centers, and six miscellaneous developments. Rapid installation of such supporting measures as sewage and water systems and public facilities is needed to encourage overall resource development activities and to help stop migration of people from the area. Estimates of installation costs for all associated and supporting measures are not available at this time. However, quite a few have accurate installation cost estimates.

The economic impact created by these expenditures will amount to an additional 30.6 million dollars in gross income and 7.3 million dollars in net income for the installation period of the project. Total benefits from land treatment and structural, associated, and supporting measures will increase the gross income of the area by 141.2 million dollars. Total net income will amount to 37.3 million dollars. These tangible benefits are only a part of total benefits expected. Improvements brought about by the installation of proposals in this plan will enhance opportunities for industrial development, new recreation enterprises,



growth in rural towns that have critical water shortages, and the construction of new homes and businesses.

Steady progress has been made in the project since it was approved for operation in late 1966. Nineteen project measures which are not shown in this plan have been completed. These measures provided 127 man-years of employment during installation and are expected to provide 149 man-years of additional employment and \$1,161,000 increased gross income annually. Installation is underway on 29 project measures that are expected to provide 1,327 man-years of employment during installation, and after installation, an additional 451 man-years of employment and an increase of \$3,652,000 in gross annual income. Forty project measures are in various stages of investigation and planning.

Sponsors have been encouraged by the ever-increasing interest and participation of local people in resource conservation and development activities. This interest is evidenced by the addition of three counties to the project and the broad scope of project measures included in this plan. Planning and development at the community level have increased and the rate is expected to accelerate sharply. Units of local government, Chambers of Commerce, and other resource development groups are pooling efforts with those of local people in rural areas to insure orderly development and progress in improving the total environment of the area.

*a historic past*



*and a*

*promising future for ...*



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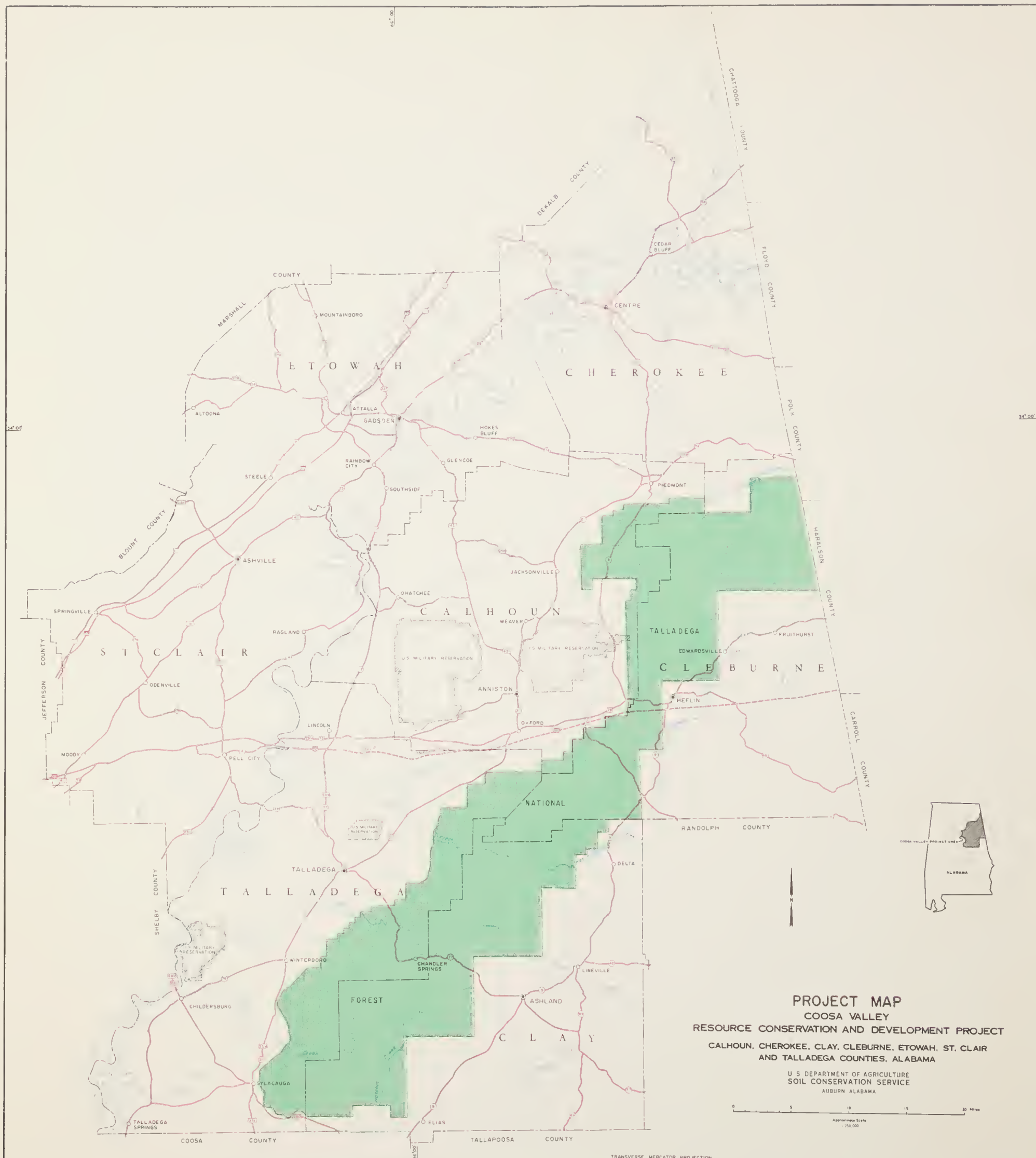
RECREATION  
AND  
TOURISM



INDUSTRIAL  
DEVELOPMENT

PHOTO COURTESY TALLADEGA CHAMBER OF COMMERCE





PROJECT MAP  
COOSA VALLEY  
RESOURCE CONSERVATION AND DEVELOPMENT PROJECT  
CALHOUN, CHEROKEE, CLAY, CLEBURNE, ETOWAH, ST. CLAIR  
AND TALLADEGA COUNTIES, ALABAMA  
U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
AUBURN, ALABAMA



TRANSVERSE MERCATOR PROJECTION

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## DESCRIPTION OF PROJECT AREA

### Location and Size

The project is located in the Appalachian region of east central Alabama and includes Calhoun, Clay, Cherokee, Cleburne, Etowah, St. Clair, and Talladega Counties with a total land area of 2,708,960 acres. Land area by counties varies from 355,200 acres in Etowah to 490,000 acres in Talladega.

There are 39 incorporated towns and cities in the project area. Gadsden, with a population of 58,000, is the largest city, and Anniston, with 35,000; is second in size. Talladega and Sylacauga are the only other towns with populations exceeding 10,000. Anniston, near the center of the project area, is 60 miles east of Birmingham and 100 miles west of Atlanta, Georgia.

### Physical Data

#### Soils

All counties in the area except Clay and Cleburne lie within the Ridge and Valley Province of the Appalachian Highlands. Clay and Cleburne Counties lie within the Piedmont Plateau. The Talladega Mountain Range, lying in a northeasterly direction, forms the divide between the two areas.

Soils range in texture from sandy clay loams to silty clays and clays. Upland soils are generally well drained. Bottom lands are moderately well drained to somewhat poorly drained. Depth of soils ranges from shallow to deep and slope from gentle to steep. Erosion has been rather severe except on gentle sloping and wooded areas.

#### Land Use and Treatment

The area was one of the first sections settled in Alabama and has a long history of agricultural use. In 1966 approximately 14 percent of the area was classified as cropland, 9 percent as grassland, 74 percent as timberland, and 3 percent as water and urban areas, and other areas of miscellaneous use.

Approximately 24 percent of the 314,280 acres classified as cropland is used for corn production, 27 percent for cotton and soybean production, and 6 percent for small grain production. Fifteen percent is in conservation cover, and 10 percent is idle.

#### Climate

The area has a moist temperate climate, with a mean annual rainfall of 53 inches distributed fairly evenly throughout the year. Minimum temperatures during January, the coldest month of the year, average 36 degrees.

The warmest month is July, which has a mean annual temperature of 79 degrees. A frost-free growing season of 210 days extends from the first of April through October.

### Water Resources

Ground water supply is generally adequate in all areas except in Clay, Cleburne, and Cherokee Counties and in the Sand Mountain area along the northern border of Etowah County.

The Coosa River, with 65,600 acres of impoundments above Lay, Logan Martin, Henry, and Weiss Dams, and the Tallapoosa River flows through the project area. Numerous streams with significant amounts of flow drain into these rivers.

### Plant and Wildlife Resources

Timberlands in the area are stocked with pines, and/or hardwoods. Principal grassland crops are tall fescues, Bahiagrass, Bermudagrass, Dallisgrass, Johnsongrass, white clover and lespedeza. Principal field crops are cotton, corn, soybeans, and small grains. Truck crops, such as tomatoes, beans, peas, greens, and melons, are produced on a relatively small acreage.

The area is well stocked with both large and small game and game birds. The Choccolocco game management area in the Talladega National Forest has one of the best deer populations of any area in the State. Turkey, quail, squirrel, and rabbit are found throughout the area.

### Mineral Resources

Marble, limestone products, coal, low grade iron ore, sand, gravel, and talc are mined in the area. All except marble and limestone products are of minor importance to the economy of the area. Graphite was mined in the area during the war years. Small deposits of glass sand, fluorite, kaolin, kyanite, copper, gold, and bauxite are also found in the area.

## Economic Data

### Agriculture

Total sales from all farm products in the area amounted to \$42,805,931 in 1964. Approximately 50 percent of this came from the sale of poultry and poultry products, 33 percent from crops sold, and 17 percent from other livestock and livestock products. Sales from livestock and livestock products increased 188.0 percent between 1954 and 1964. Crops sold increased less than one percent during this period.

The number of farms in the area decreased from 8,538 in 1959 to 7,391 in 1964, or a decrease of 13.8 percent. During this period the size of farms increased by 16 percent. The number of people employed in agri-



culture decreased by 63.2 percent between 1950 and 1960. Six percent of the civilian labor force is now employed in agriculture.

### Business and Industry

The economy of the area has changed during the last 20 years from a predominately agricultural economy to a fairly well-balanced economy. Forty-three percent of the civilian labor force is employed in industry, manufacturing, and construction; 20 percent in business and personal services; 15 percent in wholesale and retail trade; 11 percent in education and public administration; and 5 percent in transportation, communication, and public utilities.

Major industries in the area are textile, primary metals, tire manufacturing, and wood processing.

### Family Income

The median family income in the area is \$3,500 as compared with \$3,937 for Alabama and \$5,660 for the U.S. Family income in all counties except Calhoun and Etowah is less than the State average. Over 50 percent of the families in Clay and Cleburne Counties have family income of less than \$3,000. Two other counties - Cherokee with 49.1 percent and St. Clair with 42.6 percent - exceed the State average of 39.1 percent. Families with income exceeding \$10,000 range from 2 percent in Cleburne County to 7.3 percent in Etowah County. All are below the State average of 8 percent.

### Population

Total population increased from 307,224 in 1950 to 323,355 in 1960. This represented a 5.29 percentage increase as compared with 6.7 percent for Alabama and 18.5 percent of the U.S. This increase, however, was registered in Calhoun and Talladega Counties. All other counties decreased in population during this period. Approximately one-half of the people in the area live in the metropolitan areas of Gadsden and Anniston, and in Talladega and Sylacauga.

## Area Problems and Needs

### Agriculture and Forestry

Soil erosion and flooding are major problems affecting resource conservation and development in the area. These problems are not new. In fact, many of the ills of the area are closely associated with, or can be attributed directly to, soil depletion that occurred throughout the cotton era. Accumulated erosion damage and low natural soil fertility have made row crop farming unprofitable on thousands of small upland farms. Excessive sedimentation has clogged many of the streams and subjected flood plain lands to perennial floods that severely restrict their use.

Much of the depleted land has been converted to grassland or woodland; however, large amounts are idle and not making any contribution to farm income. Five percent of the 314,280 acres of cropland needs to be converted to grassland or woodland. Approximately 80 percent needs additional conservation treatment to prevent future soil and water losses and to improve crop yields. Approximately 26 percent needs new and improved water disposal systems that will allow efficient use of modern machinery, and 3 percent needs drainage. Soil testing is not being used as widely as it should be to effect adequate and economical application of lime and fertilizers.

Grassland farming is relatively new in the area and, generally, the level of management is too low for economical production. Approximately 80 percent of the present pasture and hayland needs additional treatment. Overgrazing, inadequate fertilization, inadequate stands, inadequate weed control, and a lack of balance between warm and cool season pasture plants are the major grassland problems. Small units also tend to restrict efficient management and production.

Timberlands are producing less than one-half of their potential. Understocking, over-cutting, and under-regeneration are the primary causes of low growth. Fire damage and a reluctance on the part of small land owners to invest in long-range improvement practices are also contributing factors.

Fish and wildlife lands and recreation lands are underdeveloped and the level of management is low. Farmers, as a rule, do not recognize the full potential for using these lands to supplement farm income.

### Employment and Income

Unemployment ranges from 4.2 percent in Calhoun County to 10.8 percent in Cherokee County. Underemployment exists in all counties and is centered among minority groups, lower age brackets, and farmers.

Median family income is too low. The average for the area is \$437 less than the State average and \$2,160 less than the U.S. average. Fifty-four percent of the families in Clay County, 52 percent in Cleburne, 49 percent in Cherokee, and 42.6 percent in St. Clair have less than \$3,000 annual income.

### Recreation and Tourism

The vast recreational potential of the lake impoundments on the Coosa River is underdeveloped. Public use facilities, such as parks, campsites, and boat-docking, are inadequate. There is also a need for better access roads, motels, restaurants, and related facilities. Natural scenic and historical sites are underdeveloped, and access roads to points of scenic attraction - especially in the Talladega National Forest - are inadequate.



## Community Facilities

The economy of the area has been depressed for a number of years and this has severely restricted the development of community facilities. Substandard housing, as well as school, health, and recreational facilities, are prevalent in rural areas. Most towns have inadequate water and sewage systems, which deters new home building and industrial development, and intensifies pollution and health problems in the area. Most towns and communities do not have the revenue needed to finance improvement and installation of community facilities to meet present needs and to stimulate future growth.

## Industrial Development

Generally, the vast potential for area industrial development has not been adequately advertised. More industries that use products of the area and industries that pay higher wages are needed. Communities also need organizations that can appraise, acquire, and prepare industrial sites, and to do business with prospective industries.

## Pollution

Excessive siltation from inadequately treated roadbanks and other critical areas, rural garbage, and inadequately treated sewage and waste are polluting a number of streams and lake impoundments and lowering the quality of these waters for a number of uses.

## Area Opportunities

### Flood Control

There are 15 organized watershed conservancy districts in the project area. Six of these have PL-566 programs in operation; one is awaiting operational authority; two have planning under way; four are awaiting planning authorization; and two have completed their PL-566 projects. Field investigations indicate that three additional watersheds are feasible to treat under PL-566. Sponsors have requested assistance on these, and conservancy districts or water management districts will be organized in the near future.

Local people in 17 other small watersheds have requested assistance in applying measures to retard flooding and to improve land use. Field investigations indicate that most of these are feasible to treat under existing programs.

### Water Management and Use

A number of sites on small streams afford opportunities for water storage to improve land use, and for fish and wildlife production, recreation, irrigation, and other agricultural uses.

Multipurpose use has been incorporated into ten PL-566 structure sites. Opportunities exist for including multipurpose storage in a number of other sites as work plans are developed.

Development of the Coosa and the Tombigbee River transportation system is a distinct possibility within the next 10 years. Work on the lower end of the system is currently under way.

## Agriculture and Forestry

### Timberland

Total production can be doubled on timberlands in the area by applying needed conservation and treatment measures, adequate fire control, and good management. Excellent opportunities also exist for improving hunting and other recreational uses of timberlands. An all-out program designed to reach production potential would encourage new wood-using and processing industries to locate here and those already here to expand operations.

### Croplands

Numerous opportunities exist for improving farm income by better use and treatment of cropland. Approximately five percent of existing croplands should be converted to grasslands. About 61,000 acres need grass-based rotations to reduce soil and water losses; 76,000 acres need effective water disposal systems that will allow the use of modern equipment; and 73,000 acres need additional protective cover during winter months. Minimum tillage practices can help to reduce soil and water losses, maintain good tilth, and reduce production costs. As watershed protection programs are completed, more row crop farming can be done on flood plain lands and less on eroded uplands. Timely soil testing can help to maintain adequate fertility levels and cut production costs.

### Grassland

Production on 80 percent of the 230,000 acres of grassland in the area can be significantly improved by proper grazing, adequate fertilization and weed control, and by establishing stands of desirable plants. Returns can be further improved by stocking with better grades of cattle, by providing better herd management, and by carrying cattle to heavier weights. Cost of production can be lowered by establishing grazing systems that include a balance between high quality winter and summer grazing crops.

### Fishing Waters

The area has a high potential for fishing waters and many opportunities exist for supplementing farm income. Production and income returns from a high percentage of 1,800 farm ponds in the area could be improved by adequate stocking and management. A significant number of these, with modification and wild fish control, could be used for commercial production of catfish. Numerous other sites - especially in Clay, Cleburne,



and Etowah Counties - can be developed for this purpose. Adequate access roads and other facilities would improve the use of streams and lake impoundments, resulting in higher income from fishing.

### Wildlife Land

The area is moderately well-stocked with small and large game and game birds. Both stocking and utilization can be improved by habitat development and management. A good market exists for quality hunting on either private or cooperative hunting areas. Numerous areas of sufficient size could be developed and managed for this purpose.

### Recreation Land

The area has one of the most diverse and highest potential for recreation development of any area in the South. Over 65,000 acres of new lake impoundments on the Coosa River, 1,800 farm ponds, and many potential farm pond sites afford excellent opportunities for future development of water-based recreational facilities. The Talladega National Forest - one of the most scenic in the South - with adequate access roads, camping areas, and other developments, could become a major tourist attraction and recreation area. Numerous other attractions, such as Noccalula Falls, Little River Canyon, caves, covered bridges, antebellum and historic homes, battle grounds, forts, and cemeteries afford additional opportunities for development as tourist attractions and recreation areas.

Completion of the Alabama International Speedway near Talladega and the Sky Way Scenic Drive in the Talladega National Forest, installation of planned improvement at Cheaha State Park and Little River Canyon Park, and initiation of a planned promotional and advertising program should bring more people to the area and stimulate development of all recreation lands in the area.

### Community Facilities

Improvement of housing, school, recreational, water and sewage, and other community facilities offers a real challenge to people in the area. The challenge must be met if people are to continue living here and if the area is to have continuing progress in resource development. Opportunities for accomplishment are being broadened by organization and planning which will enable communities to make better use of local funds, as well as State and Federal assistance programs.

### Industrial Development

The area has excellent opportunities for accelerating industrial development during the next several years. Location, in reference to areas of dense population and distribution centers, is good. There is also a good possibility of getting river transportation within the next 10 years. Major trucking routes, railways, and natural gas pipe lines cross the area.

Water is abundant, and the area has a natural scenic beauty with plenty of open space, and excellent recreational opportunities. Five State-supported trade schools, adequately equipped and staffed, are located within the area to train entrants into the labor field.

### Beautification

Numerous opportunities exist for enhancing the natural scenic beauty of the area. Foremost among these are roadbank and other critical area stabilization, highway beautification, screening junk yards, and improving unattractive approaches to towns. Others include public grounds improvement; removal of abandoned and dilapidated buildings along highways; and general improvement of rural homes, out-buildings, and fences.

### OBJECTIVES

1. Develop water resources of the area for transportation, municipal, industrial, agricultural, and recreational purposes.
2. Develop the agricultural resources of the area, including woodland, cropland, grassland, and wildlife land.
3. Develop the vast recreation and tourism potential of the area.
4. Improve job opportunities and family income by industrial development.
5. Develop adequate sewage systems for towns and communities and establish rural garbage collection and sanitary disposal systems.
6. Accelerate work on the watershed treatment programs and extend the program to cover all feasible watershed developments in the area.
7. Improve and secure adequate community facilities for health, education, and recreation.
8. Expand vocational training facilities to meet needs for training and re-training manpower.
9. Accelerate soil surveys in areas of potential rapid development.
10. Beautify and improve the general appearance of the area.
11. Develop access roads needed to scenic and recreational areas.
12. Encourage use of credit and technical assistance to improve land use, conservation land treatment, and housing, and to increase size of farms and farm income.
13. Treat roadbank and other critical areas to control erosion and sedimentation and to enhance natural beauty.
14. Secure necessary legislation to deal with problems of water management, pollution, rural zoning, and taxation.



# *Action Programs Planned*

**by people in the**

**Coosa Valley RC&D Project**

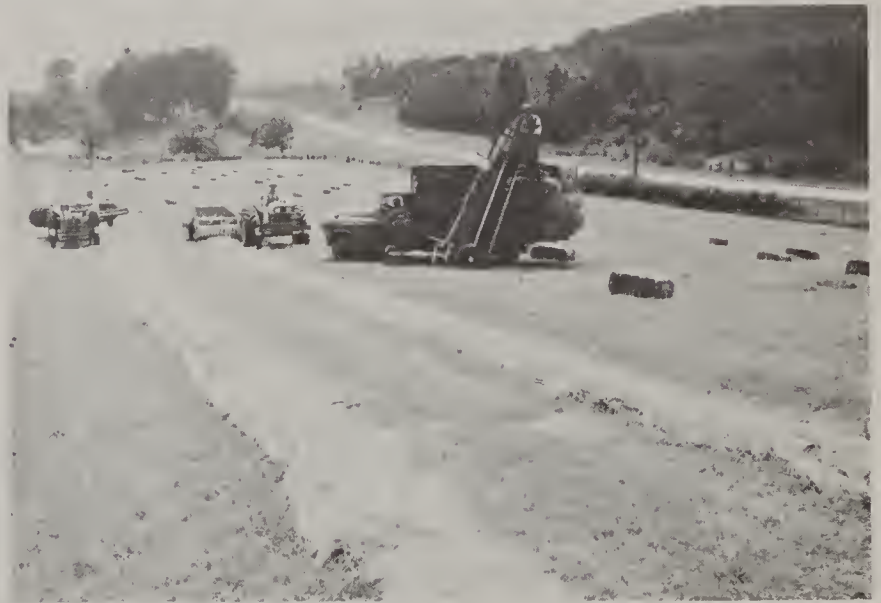
# *Land use and*

## CROPLAND



Minimum tillage and sod in rotation will conserve soil and water, improve yields, and cut production costs.

## GRASSLAND



High level management of pasture and hayland will increase net returns.



# *treatment goals*



WOODLAND



Full stocking of desirable species managed for maximum production

FISH AND WILDLIFE LANDS



Develop the hunting  
and fishing potential  
on private lands.

## LAND TREATMENT MEASURES

First priority will be given to measures designed for better use and treatment of land in the project area.

These measures include land use adjustments, accelerated conservation planning and application of treatment measures, accelerated soils survey, accelerated cost-sharing assistance, critical areas stabilization, and accelerated technical assistance for planning and application.

### Accelerated Conservation Planning

Substantial progress has been made in conservation planning since soil and water conservation districts were formed about 28 years ago. Conservation plans have been developed on 5,868 of the 10,640 operating units in the project area. Records indicate that 1,500 of these plans need revising now. The present rate of conservation planning is about 340 new plans and 100 revisions annually.

It is proposed that 10 man-years of additional technical assistance be provided annually to accelerate conservation planning by 200 new plans, 250 revisions, and 10 community development plans annually. It is estimated that \$70,000 of RC&D funds and \$30,000 of PL-566 funds will be needed annually for accelerated conservation planning.

### Soil Survey

Adequate soils information is needed in all counties in the project area except Calhoun and Talladega. Standard Soil Surveys are needed on 1,800,000 acres and it is estimated that surveys should be completed on 200,000 acres annually to meet needs in areas of rapid development. This and other assistance needed to provide soils interpretative information for urban and community planning indicate that five man-years of technical assistance is needed annually.

It is proposed that \$37,500 of RC&D funds and \$12,500 of PL-566 funds be provided annually for accelerated soil survey work.

## Accelerated Land Treatment

### Cropland

There are approximately 314,000 acres of cropland in the project area. The latest Conservation Needs Inventory indicated that only 43,000 acres of this is adequately treated and that land use should be changed on 14,700 acres. It also indicated that 73,000 acres need residue treatment and cover; 62,000 acres need sod in rotations; 76,000 acres need strip cropping, terraces and diversions; and 9,000 acres need drainage. It is



estimated that approximately 7,000 acres of idle cropland should be converted to grass or trees.

It is proposed that 7,000 acres of idle land and 15,000 acres of cropland needing land-use change be converted to grassland, woodland, and wildlife land at a rate of 2,000 acres per year for the next 10 years; sod in rotation be established on 62,000 acres at an annual rate of 6,200 acres; residue use and cover be improved on 70,000 acres at a rate of 7,000 acres annually; strip cropping and/or terraces and diversion be established on 75,000 acres at a rate of 7,500 acres annually; and that adequate drainage be established on 9,000 acres at a rate of 900 acres annually.

The average annual cost of cropland treatment will be approximately \$438,000. It is estimated that the installation of cropland treatment measures will increase gross farm income by \$730,000 annually. Approximately 50 percent ACP cost-sharing assistance will be needed to achieve desired acceleration of cropland treatment.

### Grassland

There are about 215,700 acres of grassland in the project area and the rate of increase is approximately 8,600 acres per year. Approximately 20 percent is adequately treated; 20 percent need protection only; 20 percent need to be reestablished; and 40 percent need renovating.

Project objectives are to meet the needs as indicated by the Conservation Needs Inventory; to convert low-yield woodland to grassland where there is a high potential for economical production; to secure adequate treatment and management of all acreage; and to improve both quality and management of beef cattle herds.

It is proposed that 44,000 acres of existing grassland be reestablished; that 87,000 acres be renovated; and that 66,000 acres of idle cropland, cropland that needs a change in land use, and low-producing woodland with high pasture potential be converted to grassland.

Total cost of establishment and reestablishment will be approximately \$5,000,000, and renovation about \$2,175,000. Annual maintenance cost will be about \$15.00 per acre. This would amount to \$4,225,000 at the end of the project period. A total of \$3,500,000 ACP cost-sharing assistance is needed to achieve desired acceleration rate.

With all proposed measures installed, estimated gross returns from grassland should reach \$14,000,000 annually by the end of the 10-year project period. This would represent an increase of approximately \$7,000,000 annually over the sales from all livestock and livestock products, excluding poultry and poultry products, as reported in 1964.

### Fish and Wildlife Land

It is proposed that a full-time biologist be provided to promote, educate,

demonstrate, and supervise the production and harvesting of fish and wildlife on privately owned lands and waters. It is suggested that he be an employee of the Soil Conservation Service and that he assign a high priority to catfish production in existing and potential sites; better use and management of existing ponds for fee fishing; and to the organization and development of hunting areas that would be attractive to hunters on a fee basis. About \$12,000 of RC&D funds will be needed each year to finance this proposal.

It is estimated that development of the catfish production potential in the area could result in an increase of \$1,400,000 gross income annually for small farmers within the next five years. It is also estimated that returns from fee fishing and hunting could be increased by \$100,000 annually.

### Recreation Land

A number of specific development measures are set forth in other sections of this project plan. Additional development proposals are shown on the area recreation development and site location map.

### Woodland

There are 16,600 forest landowners in the project area, and they own 74 percent, or 1,430,340 acres, of the commercial forest lands. Annual sawtimber growth on this acreage is 99 board feet per acre which is less than one-half its potential.

Improved production on private woodlands offers major opportunities for improving income in the area. The project measures listed are based on recommendations made by the U.S. Forest Service and the Alabama Division of Forestry. It is requested that funds for technical services, treatment measures, fire control, and cost-sharing assistance be made available to facilitate forestry development work as outlined in the following proposals:

1. Prepare 2,500 woodland management plans covering 35% of the farm timberland.
2. Improve timber stands on 137,000 acres.
3. Plant 63,000 acres.
4. Mark 50,000 acres for intermediate and regeneration harvesting.
5. Improve forest fire protection to bring burned area to less than 0.25 percent of commercial timberland acreage.
6. Provide marketing assistance for 3,000 small landowners.
7. Develop markets for low-grade small hardwoods.
8. Provide assistance to wood utilization and processing plants.

The Alabama Division of Forestry will employ three additional foresters to facilitate development work outlined above. RC&D funds in the amount of \$24,000 annually are requested for these services. The Division will

also provide two additional forest patrolmen and three tractor/plow units. It is requested that State funds in the amount of \$9,600 be provided annually for the patrolmen and that \$24,000 of State and PL-566 funds be provided for the tractor/plow units.

The RC&D Steering Committee suggests that one of the additional foresters be assigned as Project Forester to assist sponsors in planning and implementing educational and promotional programs to increase landowner interest in woodland improvement work; to assist other Division personnel in the area with the proposals set forth above; and to provide leadership in coordinating agency participation in woodland resource development activities. The committee also suggests that the Division assign personnel so that full-time forester assistance is available in Cleburne, Clay, and St. Clair Counties where 85 percent, 82 percent, and 75 percent, respectively, of the land area is forestland.

Total cost of proposed development measures will be about \$4,786,000 for the 10 year project period. Anticipated 10 year benefits resulting from timber stand improvement and fire control are \$2,640,000. Ten to fifteen years after forestation the average stand should have a value of \$108 per acre. This represents a 4 to 1 cost-benefit ratio and will amount to \$9,876,000.

#### National Forest Land

The project area embraces 201,372 acres within the Talladega National Forest. Based on objectives in the National Forest Development Program, the Forest Service proposes the following development measures during the next 10 years:

1. Plant or direct seed 20,000 acres.
2. Site prepare 20,000 acres for regeneration.
3. Improve timber stand on 17,460 acres.
4. Provide 14.5 acres in developed recreational sites.
5. Construct or reconstruct 14.5 miles of forest development roads.

Other presently unfinanced National Forest development proposals are:

1. Establish and maintain 9,020 acres in approximately 4,510 game opening for turkey and quail.
2. Develop 131 wildlife water holes.
3. Prescribe burn 5,820 acres in scattered spots within timber to benefit deer, turkey, and quail.
4. Revegetate 495 acres of rights-of-way.
5. Assist with construction of the 74-mile Talladega Scenic Drive.
6. Construct or reconstruct 580 miles of forest development roads.
7. Control erosion on 200 miles of abandoned roads.
8. Develop 550 acres of recreational facilities in conjunction with the Talladega Scenic Drive. (Site locations shown on Area Recreation Map.)



The importance of the above proposed developments to the economy of the project area cannot be over-emphasized. This is especially true in regards to improving job opportunities and income through recreation and tourism development and for the National Forest recreational facilities to meet their share of current needs for outdoor recreation in the project area. It is estimated that these developments would add \$3,751,750 annually to the economy of the area. The sponsors request that the National Forest Service set a high priority for developments within the Talladega National Forest and that Federal funds be appropriated to finance development measures outlined above.

### Urban Lands

Comprehensive urban planning is now under way in a number of towns in the area. Calhoun County has organized a Council of Governments to further coordinate and expand planning activities. Increased demands on land and water resources in the area have intensified the need for urban, county, and area planning and development.

Coordination of effort in planning will be encouraged and sponsors will endeavor to provide technical assistance needed for sound land-use planning and the application of needed land and water treatment measures.

### Roadbank Stabilization

There are over 5,000 miles of county roads and 2,000 miles of State and Federal roads in the project area. Federal, State, and, generally, all county roads now being constructed are adequately shaped and treated. There are, however, a number of county roads that were not shaped and treated when constructed. These untreated roads, especially in watershed projects and along the Coosa River impoundments, need treating to reduce sedimentation and pollution in streams and reservoirs. There are approximately 1,500 acres of cuts and fills on these roads that need treating and the estimated treatment cost is \$450,000.

It is proposed that PL-566 funds be provided for cost-sharing assistance in all future PL-566 watershed projects where treatment is needed, and that other Federal and/or State funds for cost-sharing assistance be provided for other treatment needs.

# *Structural Measures*



DETENTION RESERVOIR for flood control, and water storage for agricultural, municipal, and recreational use.



CHANNEL IMPROVEMENT  
for water management  
and improved land use.



## STRUCTURAL MEASURES

### Public Law 566 Watershed Projects Under Construction

#### PROPOSAL NO. 1 - Accelerate Completion of Terrapin Creek Watershed Project.

Location - Southern part of Cherokee and northern part of Cleburne Counties. Piedmont is located in approximately the center of the watershed.

Sponsors - Terrapin Creek Watershed Conservancy District, Calhoun County Soil Conservation District, Cleburne County Soil Conservation District, Cherokee County Soil Conservation District, Coosa River Soil Conservation District, West Georgia Soil Conservation District, Cherokee County Board of Revenue, County Commissioners of both Cleburne and Calhoun Counties.

Problem - Flooding of 13,786 acres of flood plain on an average of four times a year.

Objective - Accelerate completion of all works of improvement.

Cost Estimate - Total \$1,480,650. Average Annual \$71,370.

Benefits Expected - The average annual benefit is estimated to be \$118,950. Funds expended for works of improvement result in approximately 85 man-years of additional employment.

Local Participation - Local people have provided and will continue to provide easements and rights-of-way valued at \$89,610. They will also maintain works of improvement valued at \$19,172 annually.

Assistance Needed - Additional Public Law 566 funds allocated for accelerated installation services and construction.

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#### PROPOSAL NO. 2 - Accelerate Construction Work in the Cheaha Creek Watershed Protection Project Under Public Law 566.

Location - Talladega County - generally between Munford and Talladega. Drainage is into Choccolocco Creek.

Sponsors - Cheaha Creek Watershed Conservancy District, Clay and Talladega County Commissioners Courts, and the Clay and Talladega County Soil and Water Conservation Districts.



Problem - Frequent and extensive flooding on approximately 4,000 acres of the most productive land in the watershed. Frequent damages to county roads and fixed farm improvements.

Objective - Accelerate construction work so that the project can be completed within the next two years.

Cost Estimate - Total \$1,950,655. Average Annual \$56,983.

Benefits Expected - Average annual benefits will be \$80,614. Approximately 91 man-years of employment will result from funds expended for works of improvement.

Local Participation - Local people will provide easements and other land rights instruments as needed to facilitate construction and will provide contracting and maintenance services. This is valued at \$31,820.

Assistance Needed - Additional Public Law 566 funds allocated for accelerated installation services and construction.

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PROPOSAL NO. 3 - Accelerate Design Surveys and Construction in the Choccolocco Creek Watershed Project.

Location - Calhoun, Talladega, Cleburne, and Clay Counties. From north to south, Anniston is located about midway. Drainage is into Logan Martin Lake.

Sponsors - The Choccolocco Creek Watershed Conservancy District, the County Governing Bodies, and the Soil and Water Conservation Districts in Clay, Cleburne, Calhoun, and Talladega Counties.

Problems - Approximately 16,000 acres of land are subject to flood damage on an average of five times each year. Average annual damage is estimated at \$228,393.

Objective - Accelerate survey and design work and complete construction at the earliest possible date.

Cost Estimate - Total \$9,655,190. Average Annual \$235,704.

Benefits Expected - The average annual benefit is estimated at \$562,889. Funds expended for works of improvement are expected to result in approximately 345 man-years of additional employment.

Local Participation - Local people will provide easements and rights-of-way valued at \$659,350. They will also maintain works of improvement. This is valued at \$12,754 annually.

Assistance Needed - Additional Public Law 566 funds allocated for accelerated installation services and construction. Increased local funds to speed up acquisition of land rights.

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PROPOSAL NO. 4 - Accelerated Design Surveys and Construction in the Blue Eye Creek Watershed.

Location - At Lincoln in North Talladega County and extending to the Anniston Ordnance Depot in Calhoun County.

Sponsors - The Blue Eye Creek Watershed Conservancy District, the County Governing Bodies, and the Soil and Water Conservation Districts in Calhoun and Talladega Counties.

Problem - Severe perennial flood damage to crops, pasture, roads, bridges, fences, and other improvements along Blue Eye Creek. Heavy flooding of business and residential sections of Lincoln.

Objective - Accelerate construction of two floodwater retarding structures, channel improvement, and land treatment.

Cost Estimate - Total \$643,685. Average Annual \$14,964.

Benefits Expected - Total estimated annual benefits are \$21,652. Other benefits expected are reduced sedimentation on flood plain lands and in Logan Martin Lake, a stimulated overall agricultural economy, reduced inconveniences in the Lincoln area, and better recreational opportunities. Twenty-five man-years of employment will result from funds expended for works of improvement.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$33,025. They will maintain works of improvement at an estimated cost of \$1,284 annually.

Assistances Needed - Increased allotment of Public Law 566 funds to accelerate construction and land treatment. Increased local funds to speed up acquisition of land rights.

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PROPOSAL NO. 5 - Crooked Creek Watershed.

Location - Central Clay County between Ashland and Lineville.

Sponsors - Clay County Soil and Water Conservation District, Commissioners Court, and the Crooked Creek Watershed Conservancy District.

Problems - Approximately 3,896 acres of the most productive crop and

pasture land in the watershed are subject to flood damage on an average of five times annually. This damage is estimated at \$14,189 annually.

Objective - Accelerate engineering surveys and construction work and complete project at the earliest possible date.

Cost Estimate - Total \$1,653,119. Average Annual \$38,764.

Benefits Expected - Average annual benefit is \$58,848. Funds spent for works of improvement will provide approximately 57 man-years of additional employment. Water for the towns of Ashland and Lineville will also be stored in two structures. Benefits from this are shown elsewhere.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$119,400. They will also maintain works of improvement valued at \$3,442 annually.

Assistance Needed - Additional allotment of Public Law 566 funds to accelerate work. A total of \$267,000 in FHA loans and grants for municipal water storage.

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PROPOSAL NO. 6 - Ketchepedrakee Creek Watershed.

Location - Northeast Clay County. The Tallapoosa River is the outlet for the drainage area.

Sponsors - Clay County Soil and Water Conservation District, Commissioners Court, and the Ketchepedrakee Creek Watershed Conservancy District.

Problems - Approximately 2,300 acres of good land are subject to flooding on an average of five times annually, with about one-half of the floods occurring during the growing season.

Objective - Accelerate construction and application of land treatment measures planned for the watershed.

Cost Estimate - Total \$1,328,714. Average Annual \$42,698.

Benefits Expected - Average annual benefit will be \$64,570. Funds spent for works of improvement will result in 52 man-years of additional employment.

Local Participation - Local people will supply needed easements and land rights and maintain structural works of improvement. This is valued at \$157,200.



Assistance Needed - Additional Public Law 566 funds allocated for accelerated installation services and construction. Accelerated ACP cost-sharing for applying needed conservation treatment measures.

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#### Public Law 566 Watershed Projects Awaiting Operational Approval

##### PROPOSAL NO. 7 - Accelerate Design Surveys and Construction in the Cahulga Creek Watershed.

Location - Cleburne County approximately two miles north of Heflin. Drainage flows south into the Tallapoosa River.

Sponsors - Cahulga Creek Watershed Conservancy District, Cleburne County Soil Conservation District, Cleburne County Commissioners Court, and the city of Heflin.

Problems - Approximately 378 acres of flood plain are subject to flooding on an average of three times each year. The city of Heflin is in need of additional municipal water.

Objective - Upon approval for operations, accelerate installation of the multi-purpose structure. Accelerate installation of other project measures.

Cost Estimate - Total \$416,384. Average Annual \$15,499.

Benefits Expected - Average annual benefits will be \$32,191. Approximately 21 man-years of employment will result from funds expended for works of improvement.

Local Participation - Local people will provide construction funds for municipal water storage, obtain land rights instruments, and provide contracting and maintenance services. This is valued at \$111,275.

Assistance Needed - Public Law 566 funds allocated for construction and installation services.

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#### Public Law 566 Watershed Projects Authorized for Planning

##### PROPOSAL NO. 8 - Tallaseehatchie Creek Watershed.

Location - South Talladega County. The watershed drains into the Coosa River near Childersburg.

Sponsors - Talladega and Clay County Soil and Water Conservation Districts, Commissioners Courts, and the Tallaseehatchie Creek Watershed Conservancy District.

Problems - Perennial flooding restricts the use of approximately 7,000 acres of good land.

Objective - To secure planning and construction assistance for needed flood control measures in the watershed.

Cost Estimate - Total \$1,350,000. Average Annual \$53,200.

Benefits Expected - Reduced flood damage, better land use, and a generally improved agricultural economy. Improved opportunities for recreation and municipal water storage. These benefits are valued at \$80,000 annually. Approximately 90 man-years of additional employment will accrue as a result of this project.

Local Participation - Local people will provide easements, rights-of-way, and contracting services. This is valued at \$325,000. They will maintain works of improvement. This is valued at \$2,700 annually.

Assistance Needed - Additional Public Law 566 funds for installation services and construction.

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PROPOSAL NO. 9 - Talladega Creek Watershed.

Location - Central Talladega County. Drainage is into the Coosa River near Childersburg.

Sponsors - Talladega and Clay County Soil and Water Conservation Districts, Commissioners Courts, and the Talladega Creek Watershed Conservancy District.

Problems - Perennial flooding restricts the use of approximately 8,000 acres of good land.

Objective - To secure planning and construction assistance for needed flood control measures in the watershed.

Cost Estimate - Total \$1,200,000. Average Annual \$46,300.

Benefits Expected - Reduced flood damage, better land use, and a generally improved agricultural economy. Improved opportunities for recreation and municipal water storage. These benefits are valued at \$70,200 annually. An additional 52 man-years of employment will accrue as a result of this project.

Local Participation - Local people will provide easements, rights-of-way, and contracting services. This is valued at \$300,000. They will maintain works of improvement. This is valued at \$2,500 annually.

Assistance Needed - Additional Public Law 566 funds for installation services and construction.

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PROPOSAL NO. 10 - Dynne Creek Watershed.

Location - South central section of Cleburne County approximately six miles south of Heflin.

Sponsors - Dynne Creek Watershed Conservancy District, Cleburne County Soil Conservation District, and the Cleburne County Commissioners Court.

Problems - Dynne Creek floods and damages approximately 1,200 acres of flood plain on an average of five times a year.

Objectives - Accelerate planning and construction of flood-reducing works of improvement consisting of two floodwater retarding structures and 5.4 miles of channel improvement to reduce by 75 percent the flood-water damages that occur.

Cost Estimate - Total \$323,700. Average Annual \$13,911.

Benefits Expected - Reduced floodwater damages, better land use, and overall improved economy will result in annual benefits of \$23,608. Approximately 20 man-years of additional employment will accrue as a result of this project.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$30,400. They will maintain the installed works of improvement at an average annual cost of \$2,170.

Assistance Needed - Public Law 566 funds for installation of works of improvement.

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Preliminary Investigation Stage

The following are potential Public Law 566 watersheds on which preliminary investigations are being made. The number of structural measures and cost estimates are only approximate.

PROPOSAL NO. 11 - Mill Creek Watershed.

Location - Cherokee County, Alabama, and Chattooga County, Georgia.



Objective - To accelerate planning and construction of needed flood control measures.

Cost Estimate - Total \$901,400. Average Annual \$34,200.

Benefits Expected - Reduced flood damage, better land use, and overall improved agricultural economy. Benefits are valued at \$42,700 annually. When installed there will be 40 man-years of additional employment as a result of this project.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$136,100.

\*\*\*\*\*

PROPOSAL NO. 12 - Cane Creek Watershed.

Location - Central portion of Cleburne County.

Objective - To accelerate planning and construction of 8 floodwater retarding structures and 32 miles of channel improvement.

Cost Estimate - Total \$1,324,500. Average Annual \$68,400.

Benefits Expected - Benefits will accrue to reduced flooding, better land use, and improved agriculture in the amount of \$78,673 annually. Approximately 60 man-years of additional employment will result from installing the structural measures.

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RC&D Watershed Projects Under Construction

PROPOSAL NO. 13 - Little Hillabee Creek Watershed.

Location - Southwest portion of Clay County and northwest portion of Tallapoosa County.

Sponsors - Clay County Soil and Water Conservation District and the Commissioners Court of Clay County.

Problem - Flooding of 1,240 acres of flood plain land plus damages to roads and bridges. Floods occur on an average of four times each year.

Objective - Accelerate completion of all works of improvement.

Cost Estimate - Total \$575,630. Average Annual \$22,502.

Benefits Expected - Average annual benefits of \$24,812 will result from

the proposed works of improvement. Funds expended for works of improvement will result in approximately 33 man-years of additional employment.

Local Participation - Local people will provide easements, rights-of-way, and contracting services at an estimated cost of \$22,823.

Assistance Needed - Additional RC&D funds to install the remaining planned structural measures.

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#### RC&D Watershed Projects - Detail Planning Underway

##### PROPOSAL NO. 14 - Beaver-Shoals Creek Watershed.

Location - Central portion of St. Clair County.

Sponsors - St. Clair County Soil and Water Conservation District, Beaver-Shoals Conservancy District and Commissioners Court of St. Clair County.

Problems - Flooding on approximately 1,150 acres of the best land in the watershed. A high percentage of this acreage is idle or restricted to low income use.

Objective - Accelerate planning and construction of one floodwater retarding structure plus approximately 18 miles of channel improvement.

Cost Estimate - Total \$965,000. Average Annual \$34,418.

Benefits Expected - Annual benefits of \$34,500 will result from works of improvement. It is estimated that 42 man-years of additional employment will be provided.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$144,750.

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##### PROPOSAL NO. 15 - Cedar Creek Watershed.

Location - Southeast corner of Talladega County.

Sponsors - Talladega County Soil and Water Conservation District.

Problem - Frequent flooding on approximately 420 acres of flood plain land restricts intensive agricultural use.

Objective - Accelerated planning and installation of three possible floodwater retarding structures and five miles of channel improvement.

Cost Estimate - Total \$389,200. Average Annual \$15,023.

Benefits Expected - Average annual benefits of \$15,497 will accrue from the works of improvement. Approximately 18 man-years of additional employment will result from installing the structural measures.

Local Participation - Local people will provide easements, rights-of-way, and contracting services valued at \$30,000.

\*\*\*\*\*

PROPOSAL NO. 16 - Yellow Creek Watershed.

Location - Cherokee County.

Sponsors - Cherokee Soil and Water Conservation District and the Cherokee County Board of Revenue.

Objective - Reduce floods on bottom land in order for the farmers to more effectively carry out their farming operations.

Cost Estimate - Total \$240,800. Average Annual \$14,506.

Benefits - Benefits of \$14,624 will result from the installation of channel improvement.

\*\*\*\*\*

PROPOSAL NO. 17 - Glencoe Flood Control.

Location - Glencoe, Etowah County.

Sponsors - Etowah County Board of Revenue and Etowah Soil and Water Conservation District and the town of Glencoe.

Objectives - Reduce flooding on business and residential areas in Glencoe and surrounding areas.

Cost Estimate - Total \$419,300. Average Annual \$20,500.

Benefits - Average annual benefits of \$51,036 will accrue to residences, businesses, and land enhancement as a result of flood protection.

\*\*\*\*\*

PROPOSAL NO. 18 - Black Creek Watershed.

Location - Northeast Etowah County.

Sponsors - Etowah County Board of Revenue and Etowah Soil and Water Conservation District and the city of Gadsden.



Objectives - Reduce flooding on agricultural and urban lands and to regulate water flow over Noccalula Falls.

Cost Estimate - Total \$405,300. Average Annual \$19,730.

Benefits - Average Annual \$47,520.

#### Other Watershed Projects

Applications for assistance on these watersheds have been reviewed. Preliminary investigation will be made as planning personnel and other resources become available. The cost and benefits outlined below are projected from other watershed projects. Assistance is needed on all of these projects to plan and construct needed vegetative and structural measures.

#### PROPOSAL NO. 19 - Tallahatchie Creek Watershed.

Location - Calhoun County.

Sponsors - Tallahatchie Creek Watershed Conservancy District, Calhoun County Soil and Water Conservation District.

Objective - Reduce flooding on approximately 5,000 acres of intensively used floodplain lands and improve the agricultural economy of the area.

Cost Estimate - Total \$2,437,000. Average Annual \$92,000.

Benefits - Projected benefits of \$92,500 could accrue to the works of improvement.

\*\*\*\*\*

#### PROPOSAL NO. 20 - Ohatchee Creek Watershed.

Location - Calhoun County.

Sponsors - Calhoun County Soil and Water Conservation District.

Objective - Reduce flood damages and improve land use and farm income.

Cost Estimate - Total \$360,000. Average Annual \$13,500.

Benefits - Annual benefits of \$23,000 are expected.

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#### PROPOSAL NO. 21 - Enitachope Creek Watershed.

Location - Clay County.

Sponsors - Clay County Soil and Water Conservation District and Commissioners Court.

Objective - Reduce flood damages and improve farm income in the watershed.

Cost Estimate - Total \$265,000. Average Annual \$10,081.

Benefits - Average annual benefits of \$15,625 are expected.

\*\*\*\*\*

PROPOSAL NO. 22 - Hatchet Creek Watershed.

Location - Southwest Clay County.

Sponsors - Clay County Soil and Water Conservation District.

Objective - Reduce flood damages and improve farm income.

Cost Estimate - Total \$300,000. Average Annual \$10,828.

Benefits - Average annual benefits of \$12,500 will result from the works of improvement.

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PROPOSAL NO. 23 - Muscadine Creek Watershed.

Location - Cleburne County.

Sponsors - Cleburne County Soil and Water Conservation District and Commissioners Court.

Objective - Reduce flood damages on approximately 1,500 acres of flood plain land and improve the farm income of the area.

Cost Estimate - Total \$642,000. Average Annual \$35,000.

Benefits - Annual benefits of \$35,500 are expected as a result of the works of improvement.

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PROPOSAL NO. 24 - Silas Creek Watershed.

Location - Cleburne County.

Sponsors - Cleburne County Soil and Water Conservation District and Commissioners Court.

Objective - Reduce floodwater damages on approximately 700 acres of flood plain land.

Cost Estimate - Total \$372,000. Average Annual \$17,400.

Benefits - Average annual benefits of \$18,000 are expected.

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PROPOSAL NO. 25 - Chulafinee Creek Watershed.

Location - Cleburne County.

Sponsors - Cleburne County Soil and Water Conservation District and Commissioners Court.

Objective - Reduce floodwater damages on approximately 1,500 acres of land and improve the economy of the area.

Cost Estimate - Total \$488,000. Average Annual \$26,000.

Benefits - Annual benefits of \$26,500 are expected.

\*\*\*\*\*

PROPOSAL NO. 26 - Spring Creek Watershed.

Location - Cherokee County.

Sponsors - Cherokee County Soil and Water Conservation District.

Objective - Reduce floodwater damages to approximately 2,200 acres of flood plain land and improve the farm income of the area.

Cost Estimate - Total \$1,060,000. Average Annual \$49,600.

Benefits - Average annual benefits are expected to be \$64,000.

\*\*\*\*\*

PROPOSAL NO. 27 - Little Wills Creek.

Location - Etowah County.

Sponsors - Etowah County Soil and Water Conservation District and Commissioners Court.

Objective - Reduce floodwater damages to approximately 900 acres of flood plain land and improve the farm income of the area.



Cost Estimate - Total \$559,000. Average Annual \$26,100.

Benefits - Expected benefits of \$30,000 will result from installation of the works of improvement.

\*\*\*\*\*

PROPOSAL NO. 28 - Big Willis Creek Watershed.

Location - Etowah County and Dekalb County.

Sponsors - Big Willis Creek Watershed Conservancy District, both Etowah and Dekalb Counties Soil and Water Conservation Districts, and the County Commissioners Court of both counties.

Objective - Reduce floodwater damages to approximately 10,600 acres of flood plain land including urban areas around Gadsden.

Cost Estimate - Total \$4,200,000. Average Annual \$199,000.

Benefits - Annual benefits of \$212,000 are expected.

\*\*\*\*\*

PROPOSAL NO. 29 - Poorhouse Branch Watershed.

Location - Talladega County.

Sponsors - Talladega County Soil and Water Conservation District and the Talladega County Board of Revenue.

Objective - Reduce floodwater damages to approximately 300 acres of flood plain land and improve the general farm income of the area.

Cost Estimate - Total \$166,000. Average Annual \$7,800.

Benefits - Annual benefits of \$7,800 are expected.

\*\*\*\*\*

PROPOSAL NO. 30 - Fanning Branch Watershed.

Location - Talladega County.

Sponsors - Talladega County Soil and Water Conservation District and the Talladega County Board of Revenue.

Objective - Reduce floodwater damages to 475 acres of flood plain and improve farm income in the watershed.

Cost Estimate - Total \$264,000. Average Annual \$12,300.

Benefits - Annual benefits of \$13,000 are expected.

\*\*\*\*\*

PROPOSAL NO. 31 - Cane Creek Watershed.

Location - Northeast of Anniston near Fort McClellan.

Sponsors - Calhoun County Soil and Water Conservation District.

Objective - To reduce flood damages and improve land use in the watershed.

Cost Estimate - Total \$350,000. Average Annual \$12,466.

Benefits - About \$14,400 annually will result from works of improvement.

\*\*\*\*\*

PROPOSAL NO. 32 - Flood Control on Dry Creek and Horton's Branch.

Location - Camp Sibert Area, Etowah County.

Sponsors - Etowah County SWCD and Board of Revenue.

Cost Estimate - \$20,000.

Assistance Needed - Fifty percent ACP cost-sharing assistance and technical assistance for design, layout, and construction.

\*\*\*\*\*

PROPOSAL NO. 33 - Community Drainage Ditches (9 Miles).

Location - Coats Bend, Airport, Mountainboro, and Smith Institute Communities in Etowah County.

Sponsors - Etowah County SWCD and local landowners.

Estimated Cost - \$27,000.

Assistance Needed - Fifty percent ACP cost-sharing assistance and technical assistance for design, layout, and construction.

\*\*\*\*\*

PROPOSAL NO. 34 - Complete Community Drainage Ditch.

Location - Friendship Community, Calhoun County.

Sponsors - Calhoun County SWCD and local landowners.

Estimated Cost - \$2,500.

\*\*\*\*\*

PROPOSAL NO. 35 - Improve Shoreline and Water Depth, Beautify, and Develop Wildlife Sanctuary on Backwaters of Big Wills Creek.

Location - Immediately above highway 411 in Gadsden.

Sponsors - City of Gadsden and the Etowah County Board of Revenue.

\*\*\*\*\*

PROPOSAL NO. 36 - Channel Improvement for Flood Control and Improved Land Use.

Location - Ashville.

Sponsors - City of Ashville.

Estimated Cost - \$8,500.

Assistance Needed - RC&D funds for planning, design, and construction.

\*\*\*\*\*

PROPOSAL NO. 37 - Complete Irrigation Water Storage Reservoir.

Location - Chandler Mountain, St. Clair County.

Sponsors - St. Clair County SWCD and the Chandler Mountain Tomato Growers Association.

Cost Estimate - \$40,000.

Assistance Needed - Technical assistance for design and construction and maximum cost-sharing assistance from Appalachian development funds.

\*\*\*\*\*

PROPOSAL NO. 38 - Pell City Drainage.

Location - Pell City, St. Clair County.

Sponsors - Pell City Town Council.

Cost Estimate - \$4,000.

Assistance Needed - Technical assistance for design and construction.





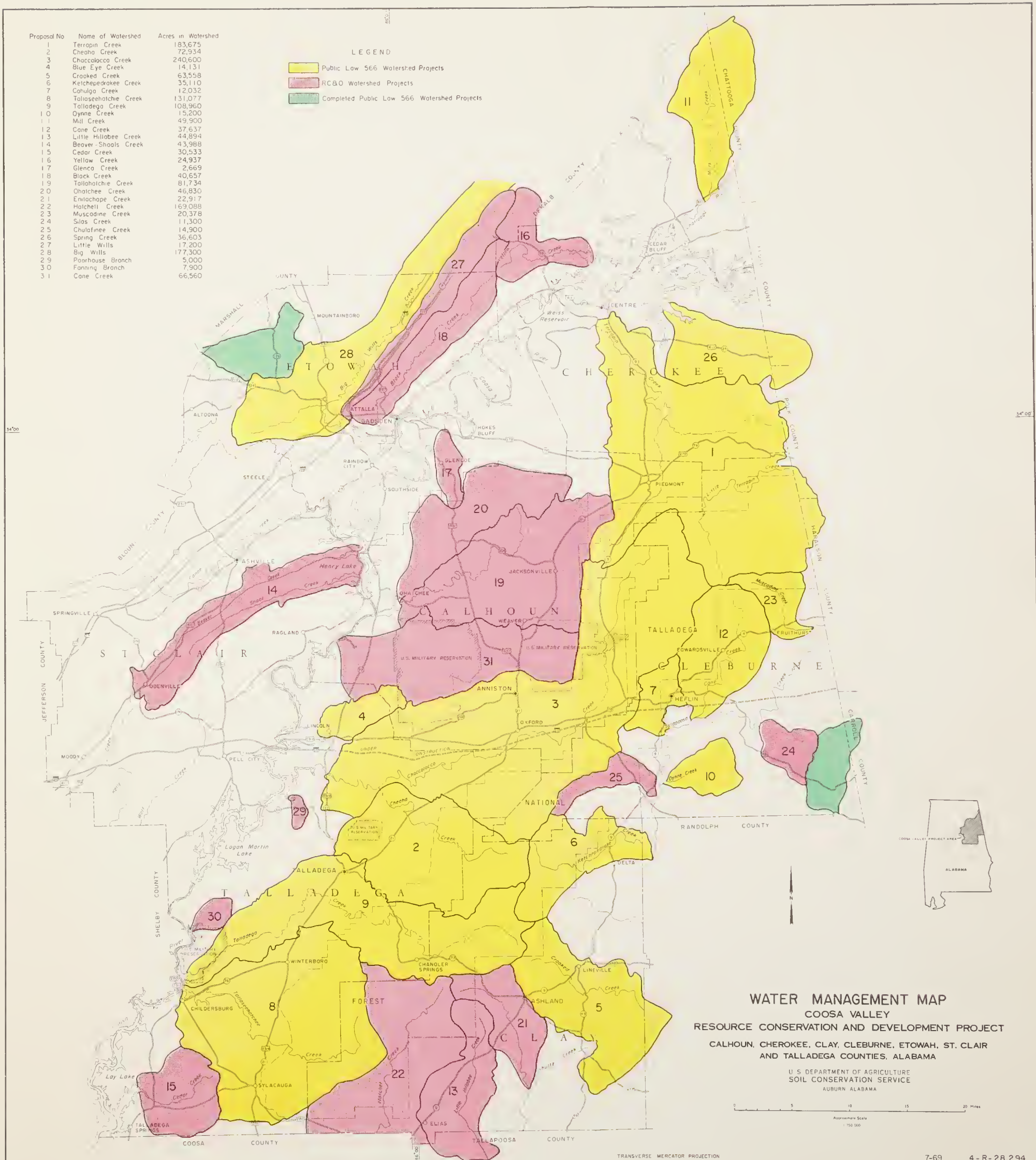
Proposal No	Name of Watershed	Acres in Watershed
1	Terrapin Creek	183,675
2	Cheaha Creek	72,934
3	Choccolocco Creek	240,600
4	Blue Eye Creek	14,131
5	Crooked Creek	63,558
6	Kelchepedra Creek	35,110
7	Cahulla Creek	12,032
8	Tallaseehatchie Creek	131,077
9	Talladega Creek	108,960
10	Oynne Creek	15,200
11	Mud Creek	49,900
12	Cane Creek	37,637
13	Little Hillabee Creek	44,894
14	Beaver Shoals Creek	43,988
15	Cedar Creek	30,533
16	Yellow Creek	24,937
17	Glencoe Creek	2,669
18	Black Creek	40,657
19	Tallahatchie Creek	81,734
20	Olathee Creek	46,830
21	Entlochope Creek	22,917
22	Hatchell Creek	169,088
23	Muscadine Creek	20,378
24	Silas Creek	11,300
25	Chulafinee Creek	14,900
26	Spring Creek	36,603
27	Little Wills	17,200
28	Big Wills	177,300
29	Parhouse Branch	5,000
30	Fanning Branch	7,900
31	Cane Creek	66,560

LEGEND

Public Law 566 Watershed Projects

RC&D Watershed Projects

Completed Public Law 566 Watershed Projects







# *Associated Measures*

BETTER USE OF RESOURCES



Recreation Land

Agricultural Products



Water Areas

## ASSOCIATED MEASURES

These proposals relate to facilities, activities, or enterprises that will improve the utilization, processing, and marketing of natural resource products in the area. They are in line with project objectives, and agencies who can provide assistance are requested to assign a high priority to request for assistance from local sponsors.

\*\*\*\*\*

### PROPOSAL NO. 1 - Complete Development of City Recreation Park on Lay Lake.

Location - Childersburg.

Sponsors - Childersburg City Council.

Estimated Cost - \$250,000.

Assistance Needed - Maximum cost-sharing assistance from BOR, the Appalachian Commission, and the State Department of Conservation.

Local Participation - Site development plan made for 84 acres of city property. City funds for cost-sharing and for operation and maintenance.

\*\*\*\*\*

### PROPOSAL NO. 2 - Develop a County Recreation Park at Site 10 in the Choccolocco Creek Watershed.

Location - Approximately eight miles east of Anniston on Hillabee Creek.

Sponsors - Calhoun County Commission.

Estimated Cost - \$240,000.

Assistance Needed - Maximum cost-sharing assistance from PL-566 funds for recreation water storage and from BOR funds for site and facilities development.

\*\*\*\*\*

### PROPOSAL NO. 3 - Secure Twenty-four Acres of Additional Land and Improve Facilities at Little River Canyon Mouth Park.

Location - Northeast Cherokee County.

Sponsors - Cherokee County Board of Revenue and the Cherokee County Resource Development Committee.

Estimated Cost - \$20,000.

Assistance Needed - Maximum cost-sharing assistance from BOR. State Department of Conservation to assume responsibility for operation and maintenance of entire park area.

\*\*\*\*\*

PROPOSAL NO. 4 - Develop a County Recreation Park.

Location - On Coosa River in Tillison Bend near Gadsden.

Sponsors - Etowah County Board of Revenue.

Cost Estimate - Undetermined.

Assistance Needed - BOR cost-sharing.

\*\*\*\*\*

PROPOSAL NO. 5 - Establish a Community Recreation Park.

Location - Munford Community in North Talladega County.

Sponsors - Munford Community Development Association, Inc.

Estimated Cost - \$200,000.

Assistance Needed - RC&D loan of \$150,000.

\*\*\*\*\*

PROPOSAL NO. 6 - Establish a Community Center and Recreation Park.

Location - Hobson City.

Sponsors - City Council.

\*\*\*\*\*

PROPOSAL NO. 7 - Develop a Community Recreation Park.

Location - Ranburne Community, Cleburne County.

Sponsors - Ranburne City Council.

Estimated Cost - \$25,000.

Assistance Needed - RC&D loan of \$15,000.



PROPOSAL NO. 8 - Develop a School and Community Recreation Park.

Location - DeArmanville School.

Sponsors - Calhoun County Board of Education and the DeArmanville School Board.

Estimated Cost - \$92,500.

Assistance Needed - State and Federal funds for cost-sharing assistance.

\*\*\*\*\*

PROPOSAL NO. 9 - Develop a School and Community Recreation Park.

Location - Weaver School.

Sponsors - Calhoun County Board of Education and the Weaver School Board.

Estimated Cost - \$55,000.

Assistance Needed - State and Federal funds for cost-sharing assistance.

\*\*\*\*\*

PROPOSAL NO. 10 - Develop a Community Recreation Park.

Location - Ohatchee.

Sponsors - City Council.

Estimated Cost - \$14,000.

Assistance Needed - Technical help in site preparation and layout and a RC&D loan of \$14,000.

\*\*\*\*\*

PROPOSAL NO. 11 - Develop a Community Recreation Park.

Location - White Plains Community in Calhoun County.

Sponsors - White Plains Civitan Club.

Estimated Cost - \$75,000.

Assistance Needed - RC&D loan funds and technical assistance with planning.

\*\*\*\*\*

PROPOSAL NO. 12 - Acquire Additional Land and Improve Facilities at the Lineville Athletic Field.

Location - Lineville.

Sponsors - Clay County Board of Education.

Estimated Cost - \$85,500.

Assistance Needed - Cost-sharing assistance from State and Federal funds.

\*\*\*\*\*

PROPOSAL NO. 13 - Develop a Community Recreation Park.

Location - Springville.

Sponsors - Springville Industrial Development Board.

Estimated Cost - \$34,000.

Assistance Needed - RC&D loan of \$34,000.

\*\*\*\*\*

PROPOSAL NO. 14 - Establish a Little League Baseball Park.

Location - Ashville.

Sponsors - Ashville City Council.

Estimated Cost - \$11,000.

Assistance Needed - RC&D loan.

\*\*\*\*\*

PROPOSAL NO. 15 - Install Lighting System at Lincoln Little League Field.

Location - Town of Lincoln.

Sponsors - Lincoln Civic Action Committee.

Estimated Cost - \$5,000.

Assistance Needed - RC&D loan.

\*\*\*\*\*

PROPOSAL NO. 16 - Construct Tennis Courts and Baseball Field.

Location - Town of Margaret, St. Clair County.

Sponsor - City Council.

Estimated Cost - \$15,000.

Assistance Needed - Loan funds.

\*\*\*\*\*

PROPOSAL NO. 17 - Complete Construction of Golf Course with Club House, Swimming Pool, and Picnic Area.

Location - Midway between Ashland and Lineville.

Sponsors - Clay County RAD Recreational Committee.

Estimated Cost - \$125,000.

\*\*\*\*\*

PROPOSAL NO. 18 - Complete Construction of Golf Course, Club House, Swimming Pool, Picnic Area and Tennis Courts.

Location - One mile east of Centre.

Sponsors - Cherokee Recreation Center, Incorporated.

Estimated Cost - \$135,000.

\*\*\*\*\*

PROPOSAL NO. 19 - Complete the Indian Oaks Golf Course.

Location - In the Alexandria community north of Anniston on Highway 431.

Sponsors - Indian Oaks Country Club.

Estimated Cost - \$242,000.

\*\*\*\*\*

PROPOSAL NO. 20 - Secure Additional Land, and Add Nine Greens, Club House, and Swimming Pool at Pell City Golf Course.

Location - Pell City.

Sponsors - Pell City Golf Club.



Estimated Cost - \$200,000.

Assistance Needed - RC&D loan of \$175,000.

\*\*\*\*\*

PROPOSAL NO. 21 - Develop a Community Recreation Area Including Golf Course, Swimming Pool, Club House, Skeet Range, Picnic and Camping Area, and Riding Stables.

Location - On Choccolocco Creek between Oxford and Bynum.

Sponsors - Broad Meadows Development Corporation.

Estimated Cost - \$150,000.

Assistance Needed - Technical assistance with planning, design, and layout.

\*\*\*\*\*

PROPOSAL NO. 22 - Construct a Golf Course with Club House, Swimming Pool and Tennis Courts.

Location - St. Clair County near Argo.

Sponsors - Meadow Run Golf Club.

Estimated Cost - \$175,000.

Assistance Needed - FHA loan of \$130,000.

\*\*\*\*\*

PROPOSAL NO. 23 - Complete Construction of Recreation Lake and Facilities on the R. J. Holley Farm.

Location - Calhoun County.

Sponsors - R. J. Holley.

Cost Estimate - \$30,000.

Assistance Needed - Technical help in planning, design, and layout.

\*\*\*\*\*

PROPOSAL NO. 24 - Expand and Improve Facilities at Lake Haven.

Location - Near Piedmont in Calhoun County.

Sponsors - Mr. & Mrs. James L. Hight.

Estimated Cost - \$100,000.

Assistance Needed - Technical help with planning, design, and layout.

\*\*\*\*\*

PROPOSAL NO. 25 - Construct Recreation Lake and Facilities on the Rush Smith Farm.

Location - Five miles west of Ragland in St. Clair County.

Sponsors - Rush Smith and the St. Clair County SWCD.

Estimated Cost - \$9,000.

Assistance Needed - Technical assistance for design and construction.

\*\*\*\*\*

PROPOSAL NO. 26 - Improve and Expand Recreational Facilities at Horse Pens 40.

Location - Southern end of Chandler Mountain in St. Clair County.

Sponsors - St. Clair County SWCD.

Cost Estimate - \$15,000.

Assistance Needed - Technical help with planning, development, and advertising.

\*\*\*\*\*

PROPOSAL NO. 27 - Develop a Scenic Bridle Trail Between Clairmont Springs and Lake Gerald.

Location - Clay County.

Sponsors - Clay County SWCD and Commissioners Court.

Cost Estimate - Undetermined.

Assistance Needed - Technical help in evaluating potential for development, route selection, and facilities needed.

\*\*\*\*\*

PROPOSAL NO. 28 - Construct a Horse Show Arena and Training Facilities.

Location - In the vicinity of Centre, Cherokee County.

Sponsors - Cherokee County Resource Development Committee.

Cost Estimate - \$30,000.

Assistance Needed - FHA loan of \$30,000.

\*\*\*\*\*

PROPOSAL NO. 29 - Develop a Wilderness Camp for Boy Scouts.

Location - Odum Scout Trail, Talladega National Forest.

Sponsors - Talladega Chamber of Commerce.

Cost Estimate - Undetermined.

Assistance Needed - Local funds for access roads and facilities.

\*\*\*\*\*

PROPOSAL NO. 30 - Store Municipal Water and Install Treating and Distribution Systems for the Towns of Lineville and Ashland.

Location - Crooked Creek Watershed, Sites 2 and 3, Clay County.

Sponsors - City Councils of Ashland and Lineville.

Cost Estimate - \$1,200,000.

Assistance Needed - Loans and grants of approximately \$900,000.

\*\*\*\*\*

PROPOSAL NO. 31 - Store Water for Future Use in Anniston.

Location - Choccolocco Creek Watershed, Sites 6 and 11.

Sponsors - Anniston Water and Sewage Board.

Cost Estimate - \$1,250,000.

Assistance Needed - Loan and grant funds of \$828,000.

\*\*\*\*\*

PROPOSAL NO. 32 - Store Water for City Use and Install Filtering Plant.

Location - Cahulga Creek Watershed, Site No. 1, Cleburne County.

Sponsors - City of Heflin and the Heflin Water and Sewage Board.



Estimated Cost - \$263,980.

Assistance Needed - FHA loan (PL-566 funds) of \$163,980 for Water Storage and a loan of \$100,000 for filtering plant.

\*\*\*\*\*

PROPOSAL NO. 33 - Store Water and Install Filtering and Distribution System for Boaz, Sardis, and Adjoining Communities.

Location - Three miles east of Boaz on Short Creek.

Sponsors - Towns of Boaz and Sardis.

Estimated Cost - \$1,000,000.

Assistance Needed - Maximum cost-sharing and loan funds.

\*\*\*\*\*

PROPOSAL NO. 34 - Complete Installation of Alexandria Water System.

Location - Alexandria Community.

Sponsors - Alexandria Water Board.

Cost Estimate - \$124,450.

\*\*\*\*\*

PROPOSAL NO. 35 - Install Water Distribution System in the Webster Chapel Community.

Location - Webster Chapel Community in Calhoun County.

Sponsors - Webster Chapel Water Development Board.

Cost Estimate - \$130,000.

Assistance Needed - A loan of \$78,000 and a grant of \$52,000 from FHA.

\*\*\*\*\*

PROPOSAL NO. 36 - Install Community Water System at Margaret.

Location - Town of Margaret, St. Clair County.

Sponsors - Town Council.

Estimated Cost - \$157,000.

Assistance Needed - Loan and grant of \$135,000 from FHA.

\*\*\*\*\*

PROPOSAL NO. 37 - Improve and Expand Water Distribution System.

Location - Springville.

Sponsors - City Council and Industrial Development Board.

Estimated Cost - \$125,000.

Assistance Needed - Loan and grant funds in the amount of \$125,000.

\*\*\*\*\*

PROPOSAL NO. 38 - Install an Adequate Water System in the Lincoln Community.

Location - North Talladega County.

Sponsors - City Council and the Lincoln Civic Action Committee.

Estimated Cost - \$230,000.

Assistance Needed - Loan and grant of \$200,000.

\*\*\*\*\*

PROPOSAL NO. 39 - Install an Adequate Water System in the Munford Community.

Location - Munford, Talladega County.

Sponsors - Munford Water Development Board.

Assistance Needed - Loan and grant of \$200,000.

\*\*\*\*\*

PROPOSAL NO. 40 - Consolidate, Improve, and Expand the Water System at Sycamore.

Location - Sycamore Community in South Talladega County.

Sponsors - Sycamore Water Board.

Estimated Cost - \$320,000.

Assistance Needed - Maximum loan and grant funds.

\*\*\*\*\*

PROPOSAL NO. 41 - Install Water Distribution System.

Location - Mountainboro Community in North Etowah County.

Sponsors - Mountainboro Water Development Board.

Estimated Cost - \$550,000.

Assistance Needed - Maximum loan and grant funds.

\*\*\*\*\*

PROPOSAL NO. 42 - Install Water Distribution System.

Location - Whites Chapel Community in Etowah County.

Sponsors - North East Etowah Water Cooperative.

Estimated Cost - \$235,000.

Assistance Needed - Maximum loan and grant funds (\$217,000).

\*\*\*\*\*

PROPOSAL NO. 43 - Install Water Distribution System.

Location - Wattsville Community, St. Clair County.

Sponsors - Wattsville Water Development Authority.

Estimated Cost - \$397,000 - (FHA loan approved).

\*\*\*\*\*

PROPOSAL NO. 44 - Install Water Distribution System.

Location - Odenville, St. Clair County.

Sponsors - Odenville City Council.

Estimated Cost - \$275,000 - (FHA loan approved).

\*\*\*\*\*

PROPOSAL NO. 45 - Install Water Distribution System.

Location - Fruithurst Community, Cleburne County.

Sponsors - Fruithurst Water Authority.



Estimated Cost - \$61,614.

Assistance Needed - FHA loan of \$50,000 and a grant of \$11,000.

\*\*\*\*\*

PROPOSAL NO. 46 - Install Water Distribution System.

Location - Rock Quarry Water Development Board.

Sponsors - Rock Quarry Water Development Board.

Estimated Cost - \$20,000.

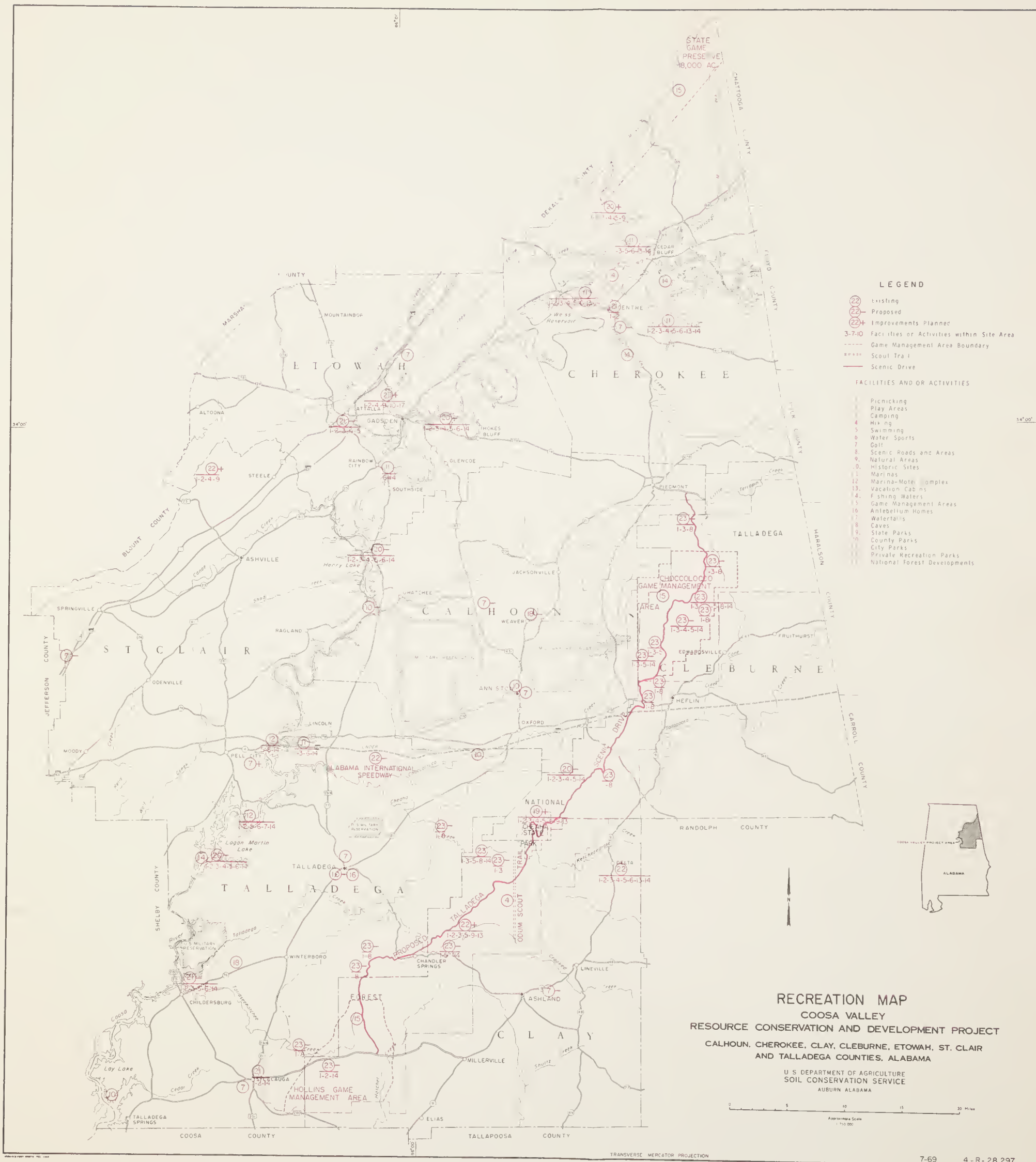
Assistance Needed - \$10,000 FHA loan and \$10,000 grant.



PHOTO COURTESY FARMERS HOME ADMINISTRATION

This tank, built with an FHA loan, will furnish water to the Town of Ranburne.

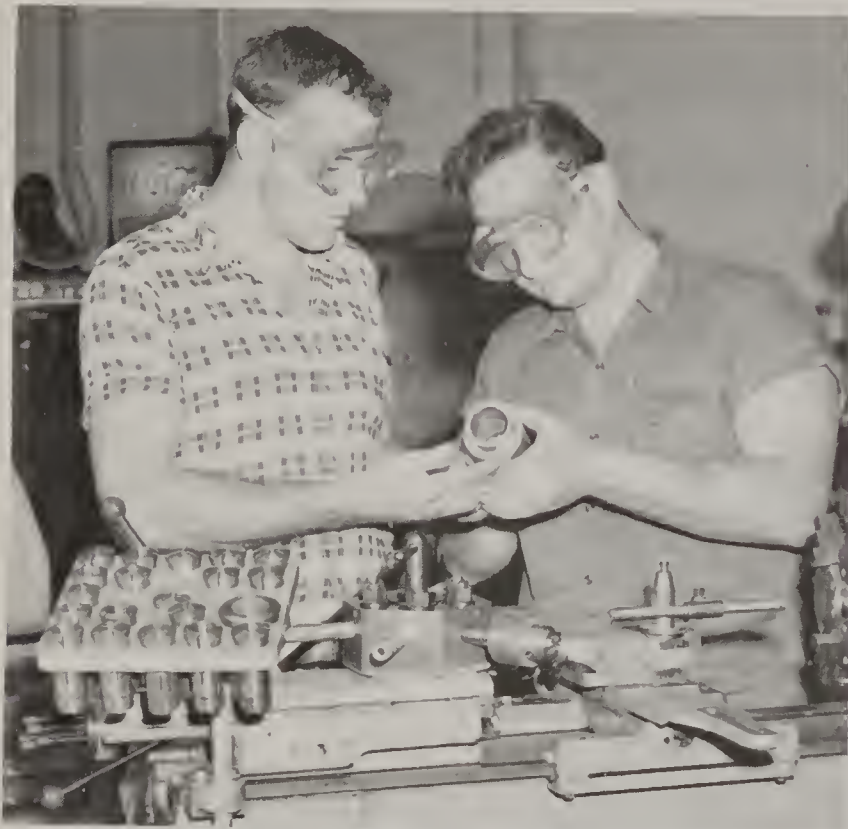








# Supporting Measures



Train and Upgrade Labor Force



PHOTO COURTESY COOPERATIVE EXTENSION SERVICE

Improve Community Facilities



PHOTO COURTESY TALLADEGA CHAMBER OF COMMERCE

Encourage Industrial Development

## SUPPORTING MEASURES

Expansion and improvement of health, school, industrial, civic, and other community facilities must precede or accompany anticipated resource developments. These facilities must be brought up to standard and maintained in order to stop the migration of people from the area and encourage new community and industrial growth.

The proposals outlined below are in line with sponsors' objectives. It is requested that all sources of available technical and financial assistance be made available to the sponsoring groups to help them achieve their objectives.

\*\*\*\*\*

### PROPOSAL NO. 1 - Install Sewage Disposal System.

Location - Ragland, St. Clair County.

Sponsors - City Council.

Estimated Cost - \$500,870.

Assistance Needed - Maximum loan and grant funds from FHA and HUD.

\*\*\*\*\*

### PROPOSAL NO. 2 - Install Sewage Disposal System.

Location - Lincoln, Talladega County.

Sponsors - City Council and the Lincoln Civic Action Committee.

Estimated Cost - \$275,000.

Assistance Needed - Maximum loan and grant fund.

\*\*\*\*\*

### PROPOSAL NO. 3 - Improve Sewage Disposal System.

Location - Springville, St. Clair County.

Sponsors - City Council and Industrial Development Board.

Estimated Cost - \$150,000.

Assistance Needed - Maximum loan and grant funds.



PROPOSAL NO. 4 - Install Sewage System.

Location - Ohatchee Community, Calhoun County.

Sponsors - City Council.

Estimated Cost - \$213,000.

Assistance Needed - FHA loan of \$100,000 and grant of \$100,000.

\*\*\*\*\*

PROPOSAL NO. 5 - Construct Sewage Lagoon and Make Additional Improvements in Sewage System.

Location - Ashland, Clay County.

Sponsors - Ashland Water and Sewage Board.

Cost Estimate - \$150,000.

Assistance Needed - \$100,000 grant and loan funds from HUD and FHA.

\*\*\*\*\*

PROPOSAL NO. 6 - Install Sewage Treatment Plant.

Location - Centre, Cherokee County.

Sponsors - Town of Centre and the Cherokee County Resource Development Committee.

Estimated Cost - \$146,000.

Assistance Needed - Loan of \$113,000 and grant of \$33,000.

\*\*\*\*\*

PROPOSAL NO. 7 - Install Sewage System.

Location - Cedar Bluff, Cherokee County.

Sponsors - City Council.

Estimated Cost - \$200,000.

Assistance Needed - Maximum loan and grant funds.

\*\*\*\*\*

PROPOSAL NO. 8 - Install Sewage System.

Location - Hokes Bluff, Etowah County.

Sponsors - City Council.

\*\*\*\*\*

PROPOSAL NO. 9 - Establish and Maintain Sanitary Landfill.

Location - In the vicinity of Centre.

Sponsors - Cherokee County Resource Development Committee.

\*\*\*\*\*

PROPOSAL NO. 10 - Establish a Rural Garbage Collection and Disposal System.

Location - County-wide in Cherokee County.

Sponsors - Cherokee County Resource Development Committee.

Estimated Cost - \$30,000.

Assistance Needed - Loan funds for initial pickup equipment.

\*\*\*\*\*

PROPOSAL NO. 11 - Establish a Rural Garbage Collection and Disposal System.

Location - County-wide in Etowah County.

Sponsors - Etowah County Board of Revenue and Technical Action Panel.

\*\*\*\*\*

PROPOSAL NO. 12 - Establish a Rural Garbage Collection and Disposal System.

Location - County-wide in Talladega County.

Sponsors - Talladega County Technical Action Panel and Health Department.

Cost Estimate - \$57,145.

Assistance Needed - \$33,000 county funds and \$36,135 community funds for initial equipment.

\*\*\*\*\*

PROPOSAL NO. 13 - Secure Land and Establish Landfills for Rural Garbage Disposal.

Location - One each in each County Commissioner's District in Clay County.

Sponsors - Clay County Board of Revenue and SWCD.

Estimated Cost - \$10,000 (Annually).

Assistance Needed - Technical help in site selection.

\*\*\*\*\*

PROPOSAL NO. 14 - Construct Bald Rock Scenic Drive.

Location - Southwest St. Clair County.

Sponsors - St. Clair County Board of Revenue and SWCD.

Estimated Cost - \$250,000.

Assistance Needed - State and Federal funds for cost-sharing.

\*\*\*\*\*

PROPOSAL NO. 15 - Construct Connecting Access Road from Highway 9 to Horseshoe Bend Road.

Location - Southern part of Clay County.

Sponsors - Clay County Board of Revenue.

Estimated Cost - \$225,000.

Assistance Needed - State and Federal cost-sharing funds.

\*\*\*\*\*

PROPOSAL NO. 16 - Construct Access Road from Cragford to New Wedowee Road at Crooked Creek Dam.

Location - Clay County.

Sponsors - Clay County Commissioners Court.

Estimated Cost - \$75,000.

Assistance Needed - State and Federal funds for cost-sharing.

\*\*\*\*\*

PROPOSAL NO. 17 - Beautify Highway 21 from Anniston to Fort McClellan.



Location - Calhoun County.

Sponsors - Calhoun County Commission and Fort McClellan Command.

Estimated Cost - \$25,000.

Assistance Needed - Technical help in planning and design and State and Federal funds for cost-sharing.

\*\*\*\*\*

PROPOSAL NO. 18 - Develop Overlooks and Beautify Access Road to Little River Canyon Mouth Park.

Location - Cherokee County.

Sponsors - Cherokee County Resource Development Committee.

\*\*\*\*\*

PROPOSAL NO. 19 - Improve Nature Study Trails and Identify and Mark Trees and Shrubs.

Location - Little River Canyon Mouth Park, Cherokee County.

Sponsors - Cherokee County Resource Development Committee.

\*\*\*\*\*

PROPOSAL NO. 20 - Improve School Grounds, Beautify and Develop Conservation Teaching Centers.

Location - Calhoun County - Weaver, Walter Wellborn, Golden Springs, and DeArmanville Schools.

Sponsors - Calhoun County Board of Education and SWCD.

Cost Estimate - Undetermined.

Assistance Needed - Technical help in planning and application.

\*\*\*\*\*

PROPOSAL NO. 21 - Improve Grounds at all St. Clair County Schools.

Location - County-wide.

Sponsors - St. Clair County SWCD and Board of Education.

\*\*\*\*\*

PROPOSAL NO. 22 - Improve School Grounds and Facilities.

Location - All schools in Clay County.

Sponsors - Clay County Board of Education and Local Parent Teachers Associations.

\*\*\*\*\*

PROPOSAL NO. 23 - Improve School Grounds.

Location - Roy Webb, Cedar Springs, White Plains, Alexandria, Oxford, and Saks Schools in Calhoun County.

Sponsors - Calhoun County Board of Education and PTA's at each school.

\*\*\*\*\*

PROPOSAL NO. 24 - Construct a Modern Hospital Facility.

Location - Talladega.

Sponsors - Talladega Hospital Development Board.

Cost Estimate - \$2,000,000 (under construction).

\*\*\*\*\*

PROPOSAL NO. 25 - Construct an Area Mental Health Facility.

Location - Sylacauga, Talladega County.

Sponsors - Mental Health Facility Development Committee and Technical Action Panels in Clay and Talladega Counties.

\*\*\*\*\*

PROPOSAL NO. 26 - Construct Office Building and Secure Services of a Resident Veterinarian.

Location - Centre, Cherokee County.

Sponsors - Cherokee County Resource Development Committee.

Cost Estimate - \$30,000.

Assistance Needed - Loan funds for building.

\*\*\*\*\*

PROPOSAL NO. 27 - Establish an Area Garden Club Center.

Location - Anniston.

Sponsors - Anniston Federation of Garden Clubs.

Estimated Cost - \$75,000.

Assistance Needed - Technical help in planning and in establishment of conservation teaching center. Financial help from area Federated Clubs.

\*\*\*\*\*

PROPOSAL NO. 28 - Construct a Community Civic and Recreation Center.

Location - Anniston.

Sponsors - Calhoun County Commission.

Cost Estimate - \$750,000.

Assistance Needed - Cost-sharing from City, State, and Federal funds.

\*\*\*\*\*

PROPOSAL NO. 29 - Improve Housing Facilities for Senior Citizens of Childersburg and Adjoining Communities.

Location - Childersburg.

Sponsors - Childersburg City Council and Housing Authority.

Cost Estimate - \$503,600.

\*\*\*\*\*

PROPOSAL NO. 30 - Provide Rental Housing Facilities for Low and Medium Income Families in the Lincoln Community.

Location - Lincoln.

Sponsors - Lincoln Civic Action Committee.

Assistance Needed - Local developers to initiate housing project. Loan funds to assist developers.

\*\*\*\*\*

PROPOSAL NO. 31 - Establish a County Vocational School.



Location - Ashland, Clay County.

Sponsors - Clay County Technical Action Panel.

\*\*\*\*\*

PROPOSAL NO. 32 - Construct an Auditorium at Friendship School.

Location - Calhoun County.

Sponsors - Calhoun County Board of Education and the Friendship School Board.

Cost Estimate - \$60,000.

Assistance Needed - State and Federal funds for cost-sharing.

\*\*\*\*\*

PROPOSAL NO. 33 - Construct County Library.

Location - Heflin.

Sponsors - Cleburne County Library Board.

Cost Estimate - \$125,000.

Assistance Needed - \$25,000 Appalachian Development Funds.

\*\*\*\*\*

PROPOSAL NO. 34 - Establish an Area Library with Bookmobile to Serve Clay, Randolph, and Chambers Counties.

Location - Wadley Junior College.

Sponsors - Technical Action Panels in Clay, Randolph, and Chambers County.

Cost Estimate - Undetermined.

Assistance Needed - State and Federal funds.

\*\*\*\*\*

PROPOSAL NO. 35 - Establish and Operate an Area Detention Home for Juvenile Delinquents.

Location - Anniston.

Sponsors - Calhoun County Commission.

Cost Estimate - \$250,000.

Assistance Needed - State and Federal funds and cost-sharing of operation cost from other counties in project area.

\*\*\*\*\*

PROPOSAL NO. 36 - Construct a Speedway Similar to the One at Daytona, Florida.

Location - At Eastaboga, on or near Talladega Airport.

Sponsors - Talladega Industrial Development Board.

Estimated Cost - \$5,000,000.

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PROPOSAL NO. 37 - Improve Sites and Facilities and Assist Local Industrial Development Boards with Industrial Expansion at All Industrial Sites Shown on Area Site Location Map.

Location - Area-wide.

Sponsors - RC&D Industrial Development Committee.

Cost Estimate - Undetermined.

Assistance Needed - Technical assistance for site evaluation and preparation. State funds for cost-sharing assistance in site preparation and assistance from the State Planning and Industrial Development Board in securing new industries.

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PROPOSAL NO. 38 - Publish and Distribute an Area Industrial Development Brochure.

Sponsors - RC&D Steering Committee.

Estimated Cost - Undetermined.

Assistance Needed - Technical guidance from State Planning and Industrial Development Board - Funds for publishing.

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PROPOSAL NO. 39 - Survey Mineral Resources in Cleburne County.

Sponsors - Cleburne County Rural Area Development Committee.

Cost Estimate - Undetermined.

Assistance Needed - Geological survey priority and funds.

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PROPOSAL NO. 40 - Comprehensive Survey of Rural Water and Sewage Needs.

Locations - Clay, Etowah, Cherokee and Talladega Counties.

Sponsors - County Board of Revenue in each county.

Cost Estimate - An average of \$12,000 per county - Total \$48,000.

Assistance Needed - Local and grant funds for Etowah County survey.

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PROPOSAL NO. 41 - Develop and Publish Appraisals of Potential for Recreation Development.

Locations - Calhoun, Clay, Etowah, St. Clair, and Talladega Counties.

Sponsors - Board of Revenue and SWCD in each county.

Estimated Cost - An average of \$1,000 per county - Total \$5,000.

Assistance Needed - Technical help for completing appraisals, securing pictures, etc., and editing.

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PROPOSAL NO. 42 - Survey to Determine Why Woodland Owners Are Reluctant to do Woodland Improvement Work. Secure Information Needed to Develop a Plan for Accelerating Woodland Improvement Work.

Sponsors - RC&D Forestry Committee.

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PROPOSAL NO. 43 - Economic Survey and Analysis of Private and Public Recreational Developments Potentials and Needs in Project Area.

Sponsors - RC&D Steering Committee.

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PROPOSAL NO. 44 - Survey Potential for Catfish Production and Processing Facilities.

Location - Clay, Cherokee and Etowah Counties.



Sponsors - Technical Action Panels in each County.

Assistance Needed - SCS Biologist, and economic analysis by ERS.

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PROPOSAL NO. 45 - Feasibility Study to Determine the Potential for Developing Waterfowl Management Areas on Shallow Water Areas of Henry and Weiss Lakes.

Location - Cherokee and Etowah Counties.

Sponsors - Technical Action Panels in each County.

#### ECONOMIC EFFECT OF PROJECT MEASURES

The project measures proposed in this report represent the desires and needs of residents of the project area. They are considered to be a plan for development of available resources for further development and improvement of the economy of the area. These proposals are broad in scope and are interrelated but when completed they will undoubtedly form a pattern of development that will benefit the area.

Due to the complex nature of this plan it is difficult to measure the economic impact of proposals in this outline. Many of the listed proposals will require a detailed study to determine the actual feasibility of such proposals. There may be many changes in some projects which could result in less, or greater, cost of installation and these changes would also result in a change in the magnitude of the economic impact. Some projects could possibly be eliminated and replaced by some other project as the development of this broad plan progresses.

This report of economic input will be based upon the proposals listed within the present plan. An estimate of the economic impact will be based upon the complete installation of all proposed projects at the end of the allotted time of the complete project (10 years).

#### Effect of Land Treatment and Structural Measures

Structural measures listed in this plan are an integral part of the impact and are interdependent with the land treatment measures. The development of resources within these two groups of proposals definitely depends upon the progress and magnitude of each group. Therefore, the impact on the economy as the result of the development of these two groups of proposals will be calculated together. The results will be shown as benefits occurring from increased activity to production of grassland, cropland, woodland and other areas of production related to land and water use.

The estimated cost of installation of these projects has been made by qualified technicians. The increase in agricultural production was based on past experience of similar treatment and the estimates were also compiled by trained and experienced technicians.

It is estimated that the increase in gross income to agriculture as the result of installation of the proposed projects will be 5.4 million dollars annually over a period of 10 years. The annual net income will amount to 1.5 million dollars annually. The estimated increase in agriculture will, as the result of increased spending, add to other segments of the economy an additional gross income of 4.2 million dollars and a net of .9 million dollars annually.

Total benefits, including both primary and secondary, resulting from accelerated land treatment and structural measures are expected to add to the entire economy of the area 9.6 million dollars gross income and 2.4 million dollars net income annually over a period of 10 years.

#### Associated and Supporting Measures

It is almost impossible to estimate the economic impact of this group of proposed projects. Such projects as scenic development, road improvement, recreation, sewage systems, etc., will no doubt increase economic activity and create more desirable environment for local residents. This combination of proposals will attract tourists as well as encourage the young people of the area to remain and develop their futures rather than migrate to other areas. These proposals will improve transportation which will encourage industrial development. New homes will develop and this will create a labor force for more industries. There is an unlimited amount of increased activity that would result from such developments.

This RC&D Project has several of the associated structural measures now under construction and some are in operation. As a result of the development of this project some estimated costs are available and some estimates can be made of the economic impact that would result from the spending involved in the installation of such projects.

Estimates of installation of all associated and supporting measures are not available at this time. However, quite a few have accurate estimates for the total cost of installation. The economic impact created by these expenditures will amount to an additional 30.6 million dollars of gross income and 7.3 million dollars net income for the installation period of the project. It is impossible to estimate the amount of this additional income at any given period of the RC&D Project. It would depend upon the amount spent at any given point of time.

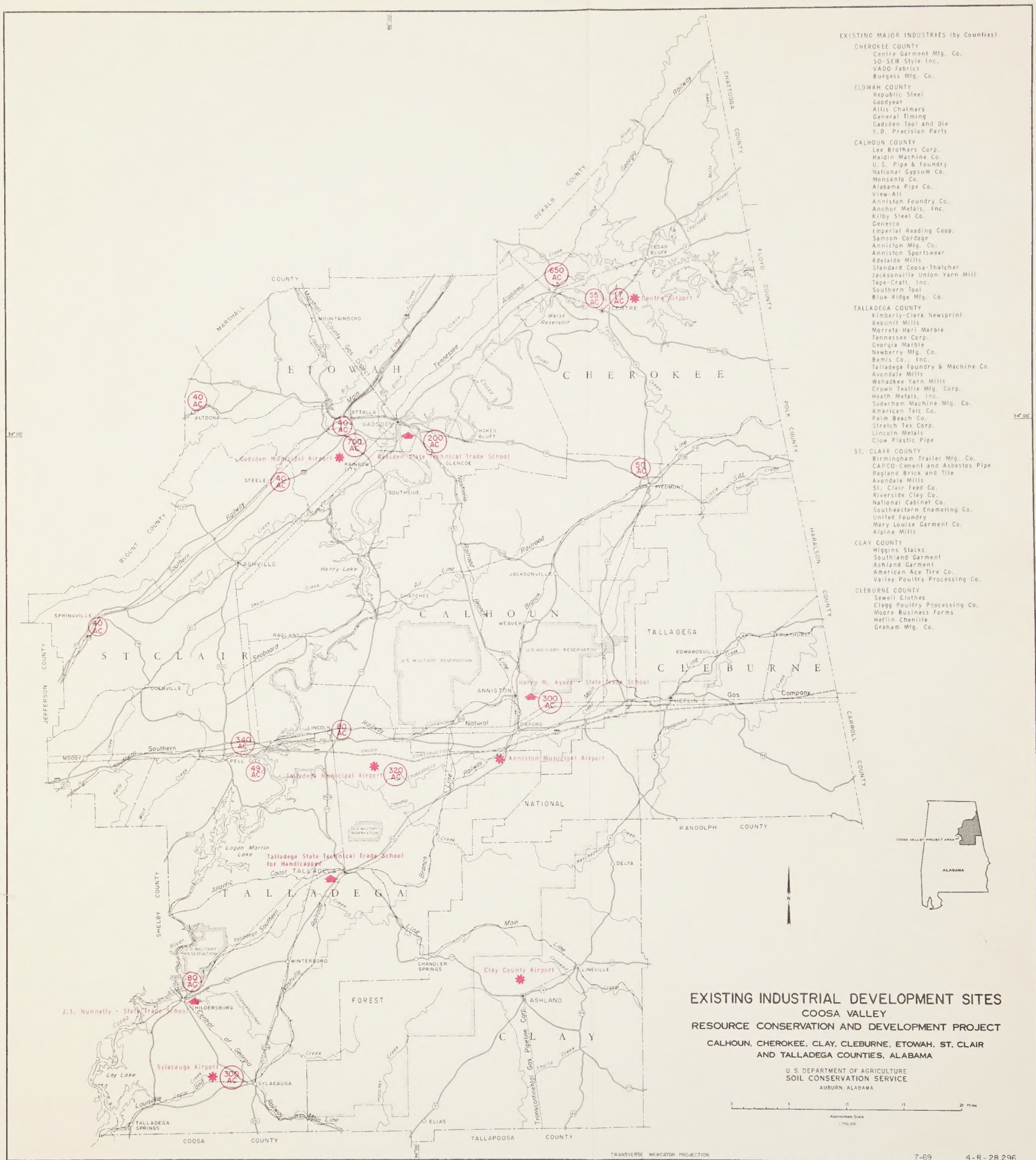
#### Total Benefits

The total benefits accruing from structural measures and land treatment and supporting and associated proposals as the result of spending for

construction, as well as increased production, will increase the gross income of the area by 141.2 million dollars. The total net income will amount to 37.3 million dollars.

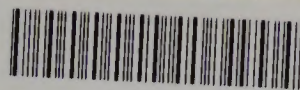
These tangible benefits are only a part of total benefits that can be expected as the result of the installation of all proposals in this plan. Many benefits will occur as the result of these developments. New possibilities will occur as a direct result of improvements brought about by some of these improvements. There may be new possibilities for development ahead that are not possible to conceive at this time. A significant change may occur in the local government funds as a result of an increased tax base.











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